

IVANHOE

LIGHTING EQUIPMENT

INDUSTRIAL
LIGHTING
SECTION

CATALOG NO. 900



IVANHOE DIVISION
OF THE MILLER CO.
MERIDEN, CONN.

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IVANHOE LIGHTING EQUIPMENT

INDUSTRIAL LIGHTING
SECTION

Metal Reflectors and Fittings for
Industrial Illumination

Catalog No. 900

IVANHOE DIVISION
Of The Miller Company

99 Center Street
MERIDEN, CONN.

INFORMATION

Regarding Material Listed in Catalog No. 900

PACKING—Careful attention has been given to our method of packing, numerous tests and experience has proven that our method is ample protection for the material in transit, insuring its receipt in good condition. There is no charge for packing Schedule R material.

WEIGHTS—The weights given in this catalog are approximate on package quantities and are the gross weights of units, carton and packing material.

SHIPMENTS—Shipments of Schedule R material will be made f. o. b. our factories, Sebring, Ohio, and Meriden, Conn.

All material is shipped at the risk of the purchaser. Our responsibility ceases when the material has been received by the transportation company in good condition and receipt obtained therefor.

No returned goods will be accepted unless accompanied by "Returned Material Authorization Slip" which can be obtained only from Ivanhoe Division of The Miller Company, Meriden, Conn. The date and number of the original order must accompany the request to return material. Returned shipments must be made in exact accordance with the instructions and terms accompanying the authorization slip.

LISTINGS—The listings, list prices and descriptions of the material in this catalog supercede all previous listings, catalogs, catalog sheets, etc., issued on any of the material shown. Material previously listed in other catalogs, etc., and not appearing in this book are now withdrawn and can only be furnished on special order and prices will be quoted upon request.

PRICES—List prices are given in this catalog and are subject to change without notice, all orders are received subject to "Conditions of Sale" given on discount sheets.

**IVANHOE DIVISION
Of The Miller Company
MERIDEN - - - - - CONN.**

INDUSTRIAL LIGHTING SECTION

Correct Illumination—An Aid to Industrial Efficiency

Good illumination has helped to point the way toward increased production, decreased spoilage, improved working conditions, fewer accidents and a general improvement in industrial efficiency.

It is the object of this section to give general engineering data which will assist in providing better illumination by the application of a few definite rules.

The first consideration in making a lighting installation should be to decide what kind of lighting is best adapted to the particular industry involved.

All industrial lighting may be divided into three classes: General Overhead Lighting, Group Lighting, and Local Lighting.

General Overhead Lighting

With General Overhead Lighting, the room is lighted as a whole without reference to the work done at any particular point. With this system the light should be sufficient for the character of work performed at every point in the room. The distributed unit system is employed, in which lights are arranged in imaginary squares, or rectangles nearly square.

Where coarse work is performed the squares may be large; where fine work is performed they should

be small. A size of square and mounting-height which call for the use of the standard Bowl or Dome reflector (see page 8) is usually the best.

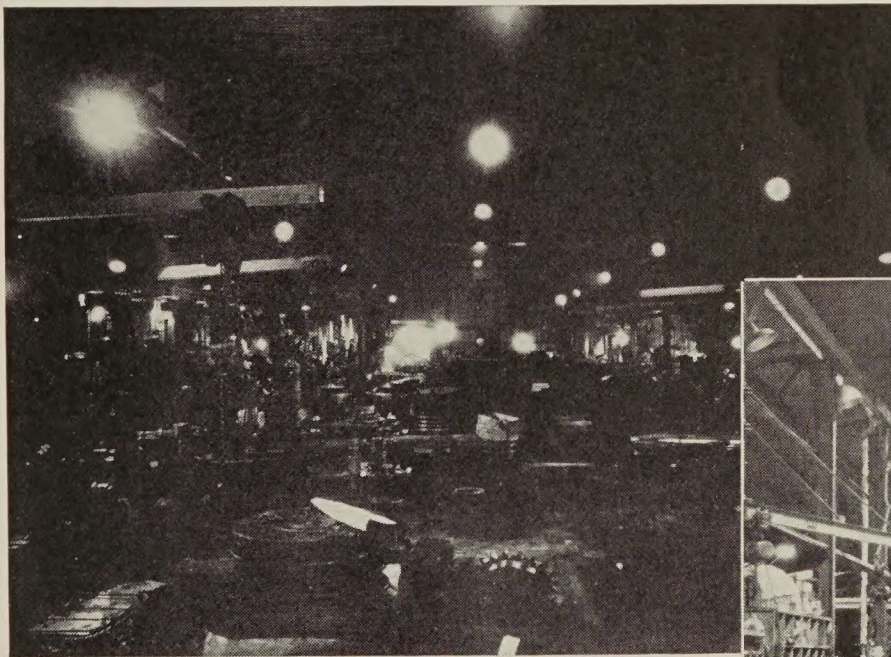
For coarse work, however, and for such places as warehouses, distributing type reflectors are desirable, with the spacing between outlets from two to two and one-half times the mounting-height.

Group Lighting

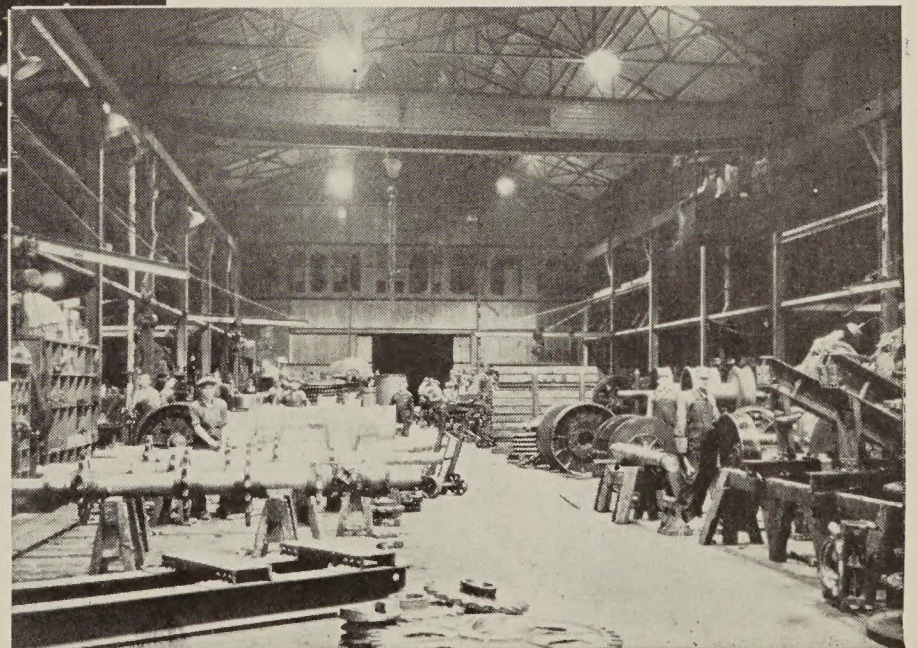
Group Lighting, or, as it is often called, Localized General Lighting, consists in lighting a particular group of machines, or a particular area by Overhead Lighting. It is sometimes difficult to distinguish between General Overhead Lighting and Group Lighting, but in the former the room itself is lighted without reference to the location of the work, while in the latter the lights are always placed with particular reference to the location of the work.

Local Lighting

Local Lighting is the lighting of any individual machine or operation, usually with a single lamp and reflector. It is ordinarily employed to supplement General Overhead Lighting of low intensity. Local Lighting is used on work benches, lathes, sewing machines, punch presses, printing presses, or for any kind of work where a light may be needed from a nearly horizontal direction, or where a high intensity of illumination is required over a small area.



Before the application of modern industrial lighting equipment.



The same plant modernly lighted with Ivanhoe Equipment.

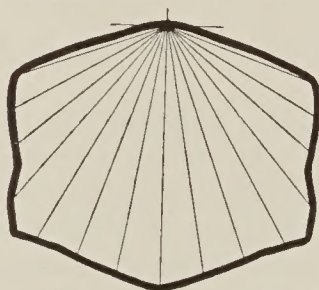
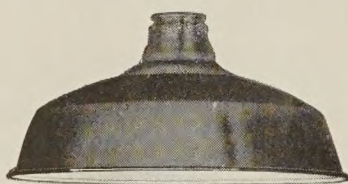
IVANHOE LIGHTING EQUIPMENT

Where and How to Use Different Types of Ivanhoe Industrial Reflectors



Ivanhoe R L M Standard dome reflectors and 1000-watt Mazda C Lamps provide productive lighting in the Erie plant of General Electric Co. Spacing 25' x 30'. Mounting-height above working plane, 35 1/2'. Average intensity 7 foot-candles.

R L M Standard Dome Reflector

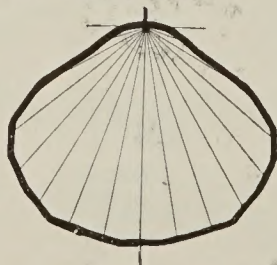


This type of reflector which fulfils, the requirements of the majority of lighting installations is the result of careful study on the part of the reflector and lamp manufacturers' engineers. It conforms to definite illumination and quality standards and is subject to test by the Electrical Testing Laboratories and carries their stamp or label of approval.

These reflectors are generally applicable to any industries which may be classified as Rough Manufacturing, Medium Manufacturing, or Fine Manufacturing. With them a great deal of light is directed at the higher angles, and they are, therefore, especially suitable for operations where the work is performed on vertical surfaces. The depth of the R L M standard dome is such that ample protection from the glare of the lamp filament is provided when the reflector is used at the average mounting-height.

When these reflectors are used it will usually be in accordance with the rules for General Overhead Lighting. The distance apart should not exceed one and two-thirds times the mounting-height above the work to insure uniform illumination. This ratio can be increased to two or two and one-half where uniform illumination is not required, as in warehouses and spaces where rough work is performed.

Standard Bowl Reflector



Rules for the installation of the bowl type reflector are very closely related to those given for the Dome Type, but with

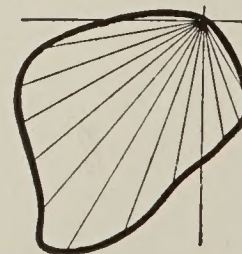
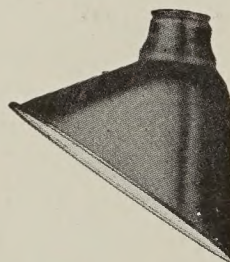
In order to meet all the requirements of industrial plants, the Ivanhoe line offers several types of standard reflectors for each class of lighting. These may be grouped as they apply to the three general classifications already outlined, namely: General Overhead, Group and Local.

Illumination requirements for General Overhead and Group Lighting being such that the same reflectors are usually applicable to both classes of service, the following general classification may be made.

this type the lamp filament is shielded at a lower angle. Bowls are sometimes preferable to Dome reflectors for General Overhead Lighting. For the same reason they are especially suitable for installations where reflectors must be mounted low, that operators will not be annoyed by excessive glare. The distribution of light is rather strongly downward, and for this reason they are preferable for installations where reflectors must be mounted at a considerable height to clear cranes, or to conform to the construction of the building. Bowl reflectors are also suitable, in the smaller sizes, for Local Lighting where a high intensity is desired over a small area.

Bowl reflectors should be spaced a distance apart approximately one and two-thirds times the mounting-height above the work for either General Overhead or Group Lighting, and when used for Local Lighting, must, of course, be located with reference to the work.

Standard Angle Reflector



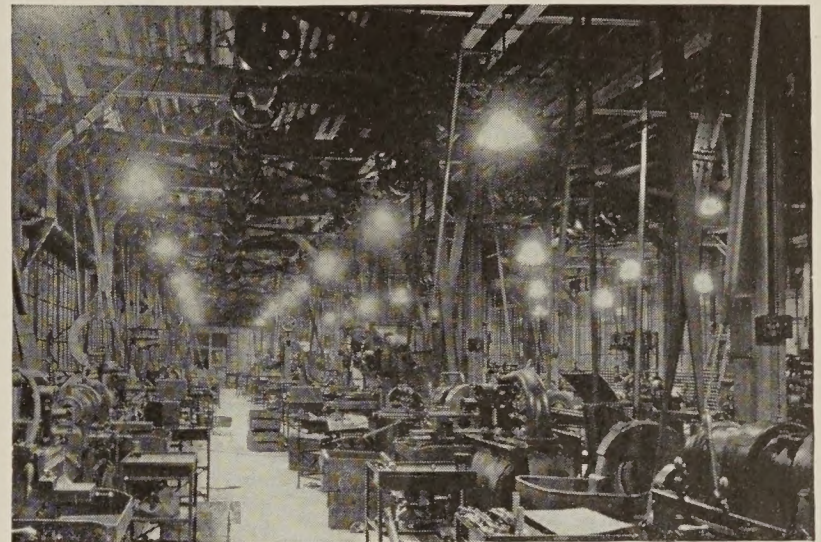
Angle type reflectors may be classified as special service reflectors. They are particularly desirable in the large sizes in erecting shops, machine shops where traveling cranes are used overhead, and similar locations where the Overhead Lighting often comes from reflectors mounted rather high, and it is necessary to build up the illumination on the working plane from the side. In such cases Angle reflectors are mounted along the side walls below the crane rails, the distribution being such that the light is directed toward the center of the room. Both the horizontal and vertical illumination is built up, and light is received upon the work from each side, as well as directly overhead. This is an advantage in softening shadows. In the smaller sizes this type is good for Local Lighting.

Angle reflectors are also used extensively for sign and poster-board lighting. Special installation data is available for this class of service.

INDUSTRIAL LIGHTING SECTION

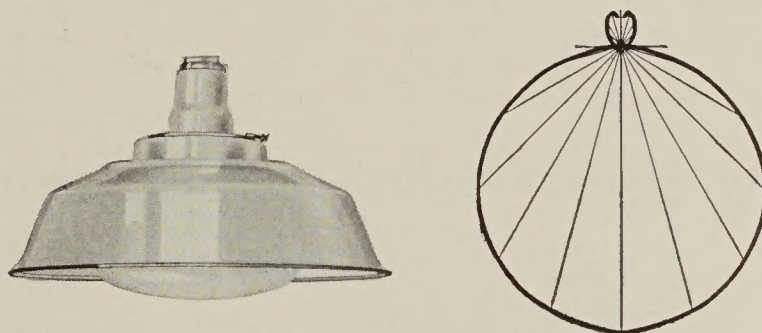
Where and How to Use Different Types of Ivanhoe Industrial Reflectors

For General Overhead and Group Lighting	{ R L M Standard Dome Reflectors
	{ The Glassteel Diffuser
	{ Standard Bowl Type Reflectors
	{ Glass-Top Reflectors
	{ Vapor-Proof Reflectors
	{ Dust-Cover Units
	{ Flood Lighting Units
For Local Lighting	{ Shallow Dome Reflectors
	{ High Bay Units
	{ Small Angle Type Reflectors
	{ Small Bowl Type Reflectors
	{ Special Service Reflectors



*Typical installation of Ivanhoe Glass-Top Dome Reflectors.
Note the illumination of the equipment above the level of
the reflectors.*

Ivanhoe Glassteel Diffuser



The Glassteel Diffuser, designed for high wattage Mazda C lamps, is a combination consisting of an extra large dome reflector and an enclosing globe of light-density diffusing glass that entirely surrounds the lamp. The large reflector and diffusing globe greatly reduce brightness and afford excellent diffusion. The top of the reflector is perforated, through which light passes upward so that the entire work-room may be lighted. The enclosing globe permits the use of the high wattage lamps necessary for high intensities with a minimum of glare. All these features combine to closely simulate the intensities, diffusion, soft shadows, general lighting and ideal qualities so desirable in daylight illumination.

The reflector is white porcelain enameled inside and outside and with the white opal globe is inconspicuous even though it is large in size. The finish of the reflector and smooth surface of the glass make cleaning easy.

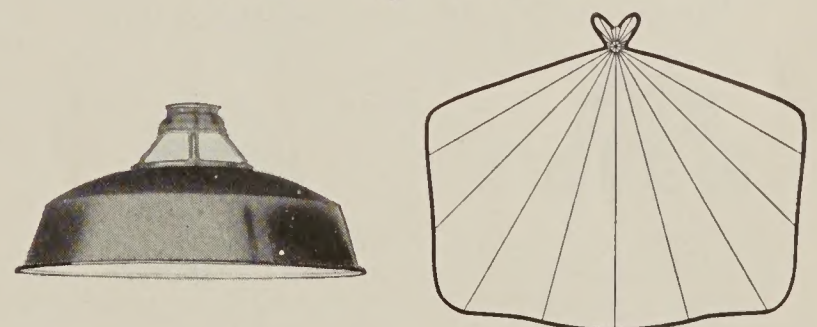
It is designed for use in those industries where the highest type of illumination is desired; where high intensities are essential; where direct or reflected glare must be eliminated; where diffusion of light is required for distribution and to prevent dense shadows, and where work on vertical surfaces predominates.

Where illumination requirements call for color value which more closely approximates daylight, the Trutint glass globe

should be used. The Trutint globe is recommended for printing and lithographic plants, tobacco establishments and others where color value is an important consideration.

For uniform illumination the Glassteel Diffuser should be spaced not more than one and one-half times the mounting-height above the work.

Glass Top Reflector



This type is a development for use in factories where the general appearance of the work-room is considered essential to good workmanship and contentment of employees.

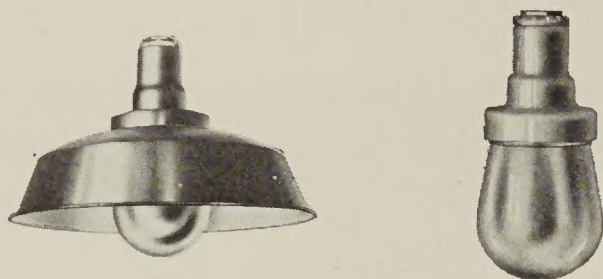
The popular Dome Type is available in this design. This standard form is used, with a small portion of the top cut away. The opening is covered with a light density, diffusing glass cover permitting a small amount of light (from 8 to 10%) to pass upward, that the ceiling and top walls may be illuminated to a desirable brightness.

This relieves the contrast in brightness between the area below and above the lighting units. The light above the unit also serves to illuminate the pulleys, line shafting and other machinery above the level of the reflectors so that repairs can be made conveniently.

The application of Glass-Top Reflectors is practically the same as for the R L M Dome Reflectors described in preceding paragraphs.

IVANHOE LIGHTING EQUIPMENT

Vapor-Proof Equipment



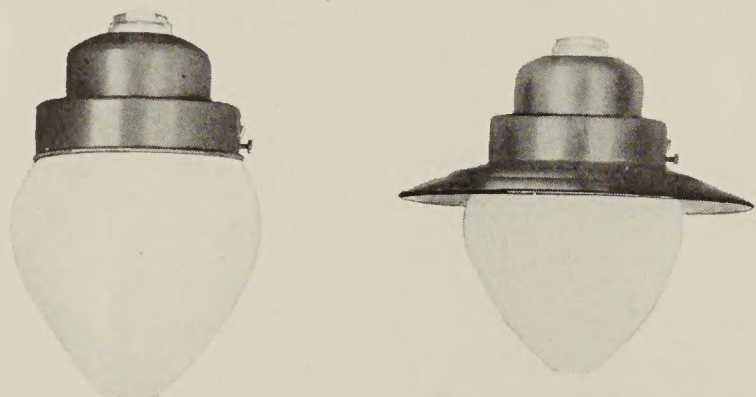
Vapor-Proof Fittings afford a safe installation for powder plants, flour mills, oil refineries and similar industries where electrical connections and lamps must be protected from acid fumes or inflammable dust or vapors.

The R L M Dome form has been adapted for use on these fittings, therefore the performance characteristics are very similar. The angle of cut-off and distribution are about the same with slightly lower efficiency due to the larger fitter and use of the globe. They are porcelain-enamel finished inside and outside to stand up under the severe service conditions expected.

These reflectors are furnished in the new Ivanhoe Acid Resisting enamel exclusively and are practically impervious to attack by acid and corrosive atmospheres.

They should be spaced not to exceed one and two-thirds times their mounting-height above the work.

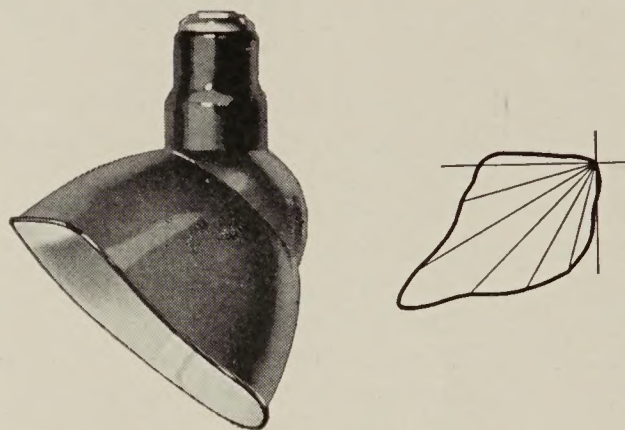
Weather-Proof Enclosing Units



There is a demand for an enclosing unit, weather-proof and satisfactory in appearance, for outdoor lighting of such locations as filling stations, parking areas, some store fronts, etc. Ivanhoe Mazda C Enclosing Units, not only enhance the appearance of such locations, but also provide excellent illumination. They are of heavy construction, and will stand up satisfactorily under varying conditions of the weather. The globes are excellent diffusers and their absorption is low.

This type of unit is sometimes used indoors, for General Overhead Lighting, and in such cases it is preferable to use the unit with the reflector in order to take advantage of the increase of downward light.

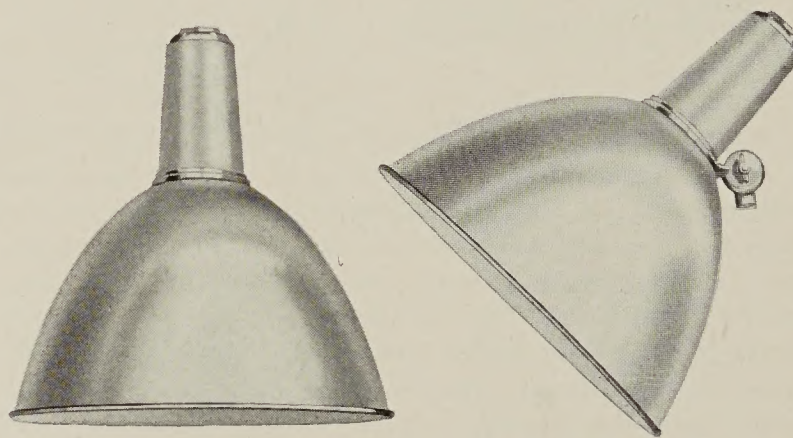
Special Service Angle Reflectors



These Ivanhoe reflectors may be classified as special service reflectors. This particular contour was designed to produce a low shielding angle, and broad lateral distribution.

They are particularly suited to indoor illumination of areas where lighting from the side is essential and are especially adapted to the lighting of poster boards and other similar displays. For special installation data for this latter purpose see pages 36 and 37.

Industrial Floodlighting Equipment



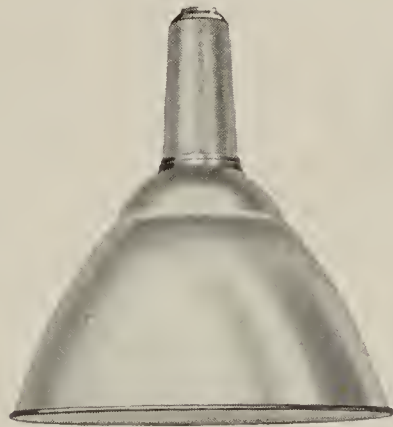
Ivanhoe Industrial Floodlighting Units were expressly designed to serve locations where a broad flood of light is required. They are particularly suited for high and average mounting-heights. As illustrated the unit consists of an aluminum bowl with special Ivanite reflecting surface which is indestructible and easily cleaned.

They may be used either with or without glass protective cover.

Ivanhoe Floodlighting Units are supplied in R-Type, solid top, containing porcelain sockets for attachments to $\frac{1}{2}$ -inch pipe ($\frac{3}{4}$ -inch if desired) and for use with various holders.

INDUSTRIAL LIGHTING SECTION

High-Mounting Units



The High-Mounting Unit No. 1065 illustrated here, is similar in construction to the floodlighting units but gives a much more concentrating distribution of light.

These units were designed particularly for lighting high interiors, crane bays, erecting shops, foundries, armories, gymnasiums and similar places and have a wide application for the lighting of outdoor arenas, parking spaces, sport areas and numerous other spaces.

Ivanhoe Reflectors No. 1064 and No. 1065 are in a class by themselves in that they will accommodate lamps from 300 to 1500 Watts in size. Altho large in size they are light in weight. They give a light control that cannot be obtained with porcelain-enamel because aluminum gives what approaches specular reflection, while porcelain-enamel gives diffused reflection. They will not rust.

Installation data on these High Mounting Units will be furnished on request.

Industrial Trutint Equipment



Nos. 746, 748
Noon Sunlight



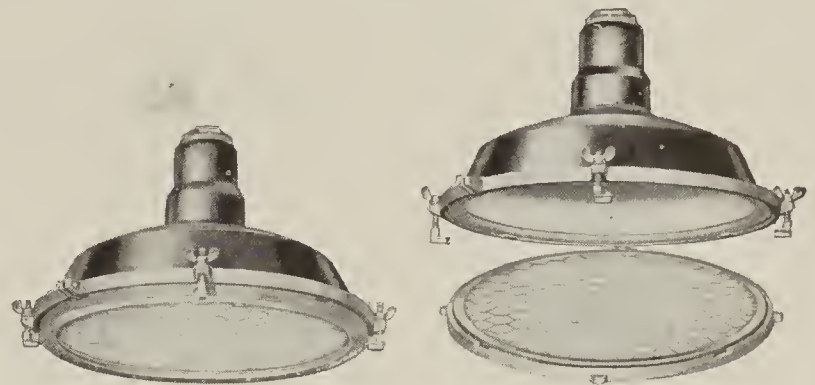
Nos. 840, 842
Noon Sunlight

Ivanhoe Trutint Equipment provides for color correction by filtration, correcting the light that passes through the glass to a warm color of the quality of noon sunlight. It should be used where the artificial light should blend with daylight, or where the accurate discrimination of colors and tints is essential.

These units should be used for color discrimination; the dye and paint industries, sorting and grading tobacco, lithographing, engraving and similar activities where colors must be accurately matched or selected.

They may be used for local inspection work and are also supplied in type suitable for general illumination purposes.

Heavy Duty Protective Covers

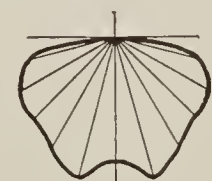


Ivanhoe Dust Cover Units were designed to serve industrial locations where excessive smoke, dust or fumes cause the reflecting surface to suffer deterioration from discoloration or corrosion. By protecting the inner surface of the reflector with a glass plate sealed with an asbestos gasket, not only is the efficiency of the reflecting surface retained, but protection for the lamp and electrical connections is also provided. Cleaning then becomes a simple matter of wiping off the glass plate.



In addition to the Heavy Duty line of protective covers shown above a lower priced general purpose line of Hinged Protective Covers are provided for the protection of reflecting surfaces of R L M dome, bowl, angle and deep bowl aluminum reflectors. A rolled ring with plated finish is provided with a clear glass convex plate, the ring being locked in place by a simple yet positive latching mechanism. The glass cover assembly is hinged to the upper ring making relamping and cleaning easy.

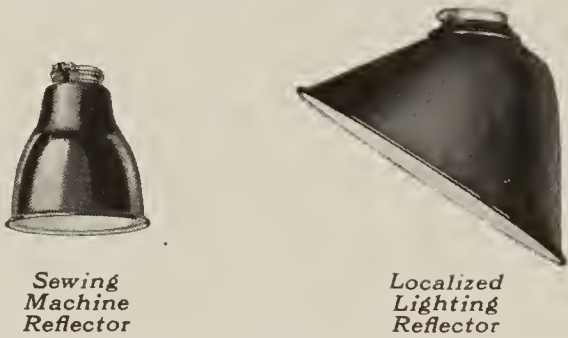
Shallow Dome Reflector



The Shallow Dome Type produces a wide distribution of light. It is suitable for indoor installations on wide spacing, in storage spaces, and similar locations where close vision is not required. Available in porcelain-enamel finish.

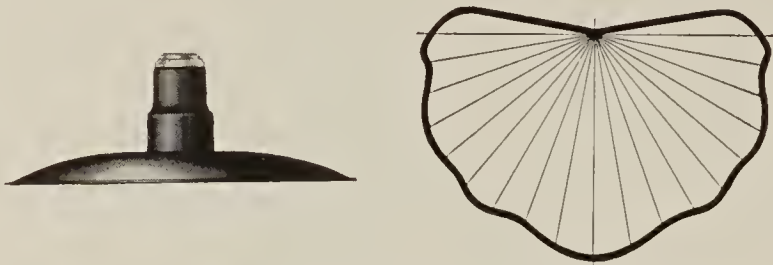
IVANHOE LIGHTING EQUIPMENT

Special Service Reflectors



Certain lighting results can be secured only by using specially designed reflectors. The lighting of sewing machines, mail cases and motion picture studios are typical. The Ivanhoe line includes a standard or a special service reflector "for every industrial lighting use."

Wide Type Reflectors



The Flat Cone Reflector should be used only for outdoor lighting, where a wide distribution of light is required. Reflectors are furnished in the R style only, with a solid top of rigid construction, containing a porcelain socket. The reflectors are weatherproof and easy to wire.

Finishes on Ivanhoe Reflectors

Ivanhoe reflectors are stamped or drawn of deep drawing steel. The finish of the Ivanhoe standard line of industrial equipment is porcelain enamel. This finish will stand up under dirt, moisture and acid fumes with little if any deterioration of the reflecting surface. Reflectors that are finished in porcelain-enamel are easy to clean, always an important consideration in the purchase of industrial lighting equipment. For these reasons porcelain-enamel has been made the standard finish in which Ivanhoe reflectors are listed. A few miscellaneous shades and specialties are supplied in Duco finish. High Bay and Floodlighting reflectors are furnished in aluminum with the special Ivanhoe Ivanite finish, which give exact control of light, is lasting in quality and can also be easily cleaned.

Standard Ivanhoe Porcelain-Enamel Finish:

This finish is applied to the inside of the reflectors in three coats. The first is a binding coat, and it is covered by two coats of white porcelain-enamel. The outside of the reflectors is treated with the same binding coat, and covered with one application of dark green porcelain-enamel. There are three separate firing operations on all Ivanhoe porcelain-enameled reflectors.

Explanation of Ivanhoe Catalog Numbers

Where standard reflectors are listed, the catalog numbers are made up of letters and numerals as follows:

1. Type of Extension: B, C, D, R or S.
2. Kind of Finish: E (for porcelain enamel) P (for Duco paint enamel).
3. Distribution of Light: B (for bowl distribution), D (for distributing distribution), DD (for deep distributing

distribution), L (for angle distribution), W (for wide distribution).

4. The size of Mazda lamp recommended for best results is indicated by the numerals.

Note:—The 3¼-inch threaded neck type, both holders and reflectors are identified by the 18000 series catalog numbers.

Intensity of Illumination Required for Various Kinds of Work

For the effective and economical production of work, it is important that a sufficient intensity of illumination be provided. The following table shows the intensities in foot-candles required for various classes of manufacturing. These intensities apply under all average conditions and represent present standard lighting practice, having been revised in accordance with the present practice of specifying Productive Intensities.

A range of choice is provided by recommending limits of intensity, as "2 to 5," "5 to 10," "8 to 16," "10 and upward." For best results it is preferable to supply wattage for the higher intensities.

<p>Outdoor Areas</p> <p>.1 to .5 Foot-Candles</p>	<p>Storage Spaces, Stair Halls, etc.</p> <p>1 to 2 Foot-Candles</p>	<p>Rough Manufacturing; 2 to 5 Foot-Candles</p> <p>Rough Assembling, Rough Forging, Rough Woodworking, Ice Making, Potteries, Lumber Mills, Tanneries, etc.</p>
<p>Medium Manufacturing; 5 to 10 Foot-Candles</p> <p>Medium Woodworking, Rough Machining, Rough Benchwork, Automatic Machine Work, Meat Packing, Paper Making, Laundries, Bakeries, etc.</p>	<p>Fine Manufacturing; 8 to 16 Foot-Candles</p> <p>Fine Assembling, Leather Working, Fine Woodworking, Fine Lathe Work, Tobacco Manufacturing, Fine Sheet Metal Working, Light-Colored Textiles, etc.</p>	<p>Extra Fine Manufacturing; 10 Foot-Candles and Upward</p> <p>Watch and Jewelry Manufacturing, Engraving, Type-Setting, Shoe Manufacturing, Enameling, Dark-Colored Textiles, Office Work and Drafting, etc.</p>

INDUSTRIAL LIGHTING SECTION

Watts per Square Foot Required for Different Intensities

The following values have been computed on the basis of the average lumens per watt for the most common sizes of Mazda C lamps, and the approximate utilization factor for the conditions assumed. Ample allowance has been made to cover depreciation in the light output due to the collection of dust, aging of lamps, etc.

These tables are presented for the convenience of those who wish to provide the intensities recommended for various classes of manufacturing.

The factors, such as .19, .23, .27, etc., represent the wattage per square foot required to produce certain foot-candle intensities with various reflector and lamp equipment for large and small rooms.

Locate the factor for the type of reflector and lamp to be used, opposite the foot-candle intensity as determined from preceding table. Multiply this factor by the total floor area in square feet and the product will be the total wattage required. If this total wattage is divided by the number of outlets, the proper lamp size will be determined.

Intensity in Foot-Candles	Type Lamp	Watts Per Square Foot With Various Types of Reflectors					
		One Row of Outlets			More Than One Row of Outlets		
		R L M Dome	Bowl	Glassteel Diffuser	R L M Dome	Bowl	Glassteel Diffuser
1	Mazda C Clear or Inside Frost	.19	.23	.22	.15	.19	.20
2		.36	.44	.43	.29	.35	.35
3		.52	.61	.60	.42	.50	.49
4		.64	.79	.78	.52	.65	.65
5		.81	.95	.93	.65	.78	.75
6		.97	1.15	1.10	.78	.94	.90
8		1.20	1.50	1.45	.97	1.20	1.15
10		1.45	1.80	1.75	1.20	1.45	1.40
12		1.80	2.15	2.10	1.45	1.70	1.70
16		2.30	2.70	2.65	1.85	2.20	2.10
1	Mazda C Bowl-Enameled	.22	.26	....	.19	.23	....
2		.43	.51	....	.35	.42	....
3		.60	.72	....	.49	.59	....
4		.78	.93	....	.65	.78	....
5		.93	1.11	....	.75	.90	....
6		1.10	1.32	....	.90	1.08	....
8		1.45	1.74	....	1.15	1.38	....
10		1.75	2.10	....	1.40	1.68	....
12		2.10	2.51	....	1.70	2.04	....
16		2.65	3.17	....	2.10	2.40	....

Location of Outlets

It is important in any class of lighting that outlets be properly located. Wherever conditions will permit, it is desirable to locate outlets symmetrically. For such a system outlets are located at the centers of imaginary squares or rectangles nearly square. Ceiling heights and the sizes of bays are the important factors controlling the location of outlets for a layout of this nature.

The distribution characteristics of a reflector must also be considered. The maximum spacing or distance between units when suspended a certain height above the work is determined from its distribution. Therefore, a definite factor expressing this relation can be determined. When this relation is followed, uniform illumination will result. The following table has been compiled, showing the maximum distances between outlets for different types of reflectors suspended at stated distances above the floor. The spacing can be determined when the mounting-height is the controlling factor, or vice versa.

SPACING AND MOUNTING-HEIGHT TABLE

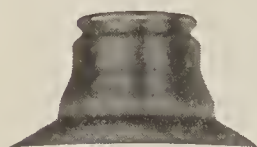
Mounting- Height Above Floor Feet	Maximum Spacing Distance Between Outlets (For Plane 30 Inches above the Floor)			Spacing Outside Outlets to Wall	Mounting- Height Above Floor Feet	Maximum Spacing Distance Between Outlets (For Plane 30 Inches above the Floor)			Spacing Outside Outlets to Wall
	R L M Standard Dome or Bowl Type Feet	Glassteel Diffuser Feet	Bench or Machine Work Next to Wall			R L M Standard Dome or Bowl Type Feet	Glassteel Diffuser Feet	Bench or Machine Work Next to Wall	
9	11	10	3		13½	18	16½	5	
9½	12	10½	3		14	19	17	5½	
10	12½	11	3½		14½	20	18	5½	
10½	13	12	3½		15	21	19	6	
11	14	13	4		16	22½	20	6	
11½	15	13½	4		17	24	22	7	
12	16	14	4½		18	26	23	7	
12½	17	15	4½		19	27½	25	8	
13	17½	16	5						

IVANHOE LIGHTING EQUIPMENT

Construction of Ivanhoe Reflectors

Ivanhoe reflectors are made with six distinct types of extension to conform to different systems of wiring and installing. These are the B-Heel extension, the extensions equipped with the C holder, the D holder, the R extension, the S type and the 3¼-inch Threaded Neck type.

The B - Heel Type



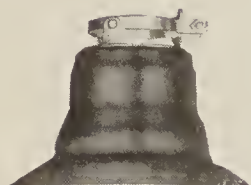
The B-Heel is the name applied to the fitter at the top of one type of extension. It provides a convenient and practical method of attaching the reflector to a separable holder. Its advantage is, that when the reflector is used with an Ivanhoe socket holder, or any standard Form O Holder, it is possible to complete all wiring before hanging the reflector.

The R Type

The R type extension consists of a solid top which makes a one-piece reflector that is weather-proof and complete, ready for wiring. A socket fitted with a special brass cap that fits ½-inch conduit is a part of the reflector. Can be supplied for use with ¾-inch conduit if desired. One particularly valuable feature of the R type is the left hand thread on the aluminum top cap which permits tightening the caps on the reflector without loosening the pipe connection above the reflector. The reflector itself will not turn when the cap is being tightened. The construction permits sliding the reflector along the conduit, making the socket easily accessible for wiring as shown in the illustration. In all classes of service the fixed position of the reflector is important, especially in billboard lighting and like installations where the reflector must be held in a fixed position to obtain the best results.



The C Type Holder



The C type holder is a heavy copper collar which is securely locked in the neck of a standard B-Heel reflector and is for attachment direct to porcelain or composition weatherproof sockets.

The S Type

The S type threaded fitter extension has been added to the Ivanhoe line of reflectors as part of a new development for use with threaded extension sockets. The threaded ring is made of nickel steel and is locked to the extension.



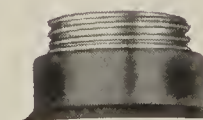
The D Type Holder



The D type holder is a heavy brass collar which is securely locked in a standard B-Heel reflector permitting the reflector to be attached direct to brass shell sockets.

The Heavy Duty Threaded Neck Type No. 18000 Series

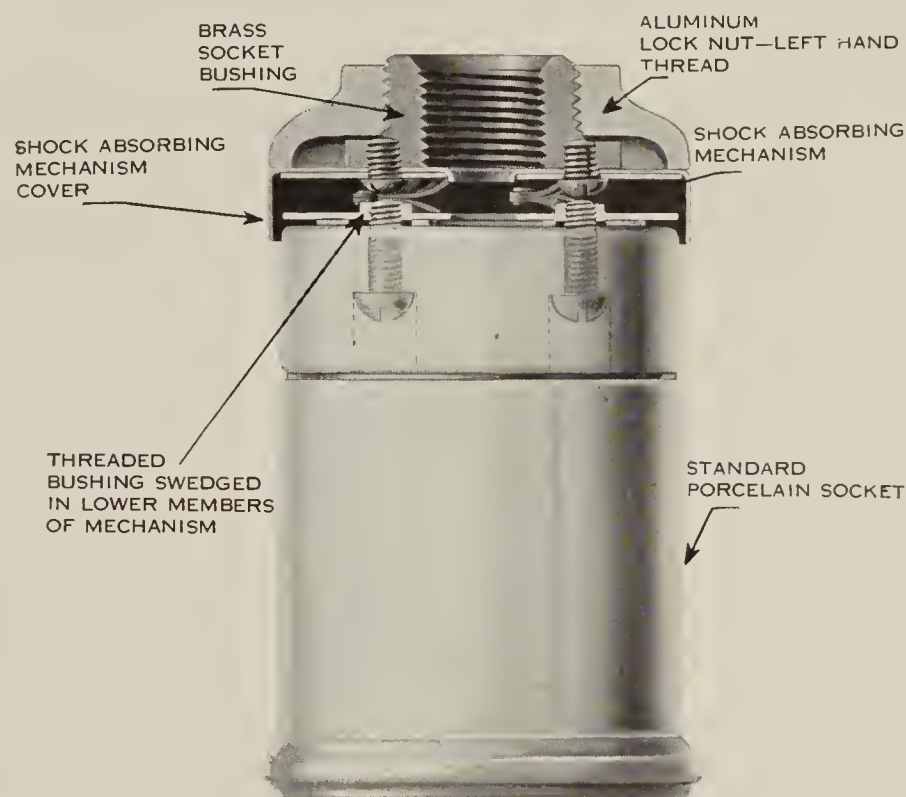
The 3¼-inch Threaded Neck type consists of a heavy gauge copper neck with large rolled threads, locked to the porcelain-enameled form or extension for use with the various separable holders listed in this type on pages 14 and 15. They provide a most convenient method of attachment or removal of the reflectors. They may be drawn up securely in these holders and will not become loosened under vibration.



INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Shock Proof Socket*For Medium or Mogul Base Lamps*

Lamp life is an important consideration in the maintenance cost of a lighting installation. Actual tests have proven that the lamps today are more rugged and efficient than ever before, yet, when subjected to jars or vibration when in service, these mechanical strains materially decrease lamp life.

Realizing that vibration cannot be entirely eliminated as it is practically always present to a certain degree in commercial or industrial establishments, Ivanhoe developed this shock proof socket. Often such jars as running a hand truck over the floor or the moving of equipment or machinery will cause a distinct shock to the lamp filament.

It has been proven that even in buildings where there is very little industrial activity there is sufficient vibration from heavy street traffic to seriously affect the lamp life.

When the medium or mogul type shock proof socket is required specify on order, and add the following list prices to the list price of the device in which it is to be used;

Medium type socket: \$0.10 additional list.

Mogul type socket: \$0.10 additional list.

In such locations as machine shops, printing plants, erecting shops, mills of various descriptions or in crane bays the mechanical strain an unprotected lamp filament is subjected to is unusually great. In these or similar locations the use of Ivanhoe Shock Proof Sockets prove their worth in a short space of time by the increase in lamp life thereby materially decreasing maintenance costs.

This Ivanhoe Shock Proof Socket can be supplied in place of our standard socket in any Ivanhoe R-Type Reflector or Pendant Type Holder at a slight additional cost.

The shock absorbing mechanism applied to a socket insulates the lamp from all strains which would affect the lamp life, as the lamp and porcelain socket are suspended by the shock proof device interposed between the socket fitting and the socket. This device is supplied on either the medium or mogul base type sockets.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Separable Holders for Standard B-Heel Reflectors
For Medium Base Lamps

The proper holder and socket for a lighting installation is of almost as much importance as the reflector and the lamp. There must be an electrical outlet for the lamp, and the reflector must be securely supported in the correct relation to the lamp, if the best lighting results are to be obtained.

Ivanhoe holders are built around porcelain sockets of the highest quality and of rugged construction and will meet the most exacting code standards. The simplified construction of Ivanhoe holders and sockets make wiring easy, it is no "trick" job. The bottom of the socket is removable, exposing the terminal screws which are identified. Each socket is equipped with a special brass casting for attachment to 1/2-inch pipe and can be obtained on order tapped for 3/4-inch pipe, or by using the No. 0667 adapter for 1 1/2-inch pipe.



No. 822

No. 822 is a medium base porcelain socket holder, skeleton type which is attached to a B-Heel by means of a clamp holder which is securely locked around the heel by a locking ring. It is tapped standard for 1/2-inch conduit only.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
822	\$1.20	Medium	2 1/4" B	2 3/4"	10	10



No. 884

The No. 884 is a set screw holder containing a medium base socket tapped standard for 1/2-inch conduit, or 3/4-inch tap if specified. It is a stamped green porcelain enameled steel holder with three set screws for attaching to the B-Heel.

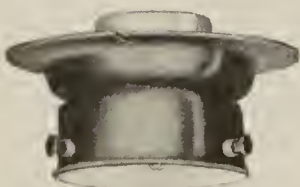
Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
884	\$1.60	Medium	2 1/4" B	3 1/4"	10	10



No. 908

No. 908 is a cast aluminum enclosed clamp type holder of heavy construction containing a medium base socket tapped standard for 1/2-inch conduit or 3/4-inch if specified. The reflector is held by two clamps which are secured by turning the cap down on the body of the holder gripping the heel between the clamps and an inside flange on the holder. The cap has a left hand thread which prevents loosening of the pipe fitting when turning the cap down on the holder.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
908	\$1.95	Medium	2 1/4" B	3 1/4"	10	15



No. 964

This holder No. 964 is drawn from heavy gauge deep drawing steel Green Duco finished outside. It is a set screw type holder for attachment to 4-inch outlet boxes and equipped with a medium base porcelain receptacle.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
964	\$1.25	Medium	2 1/4" B	1 7/8"	10	20

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

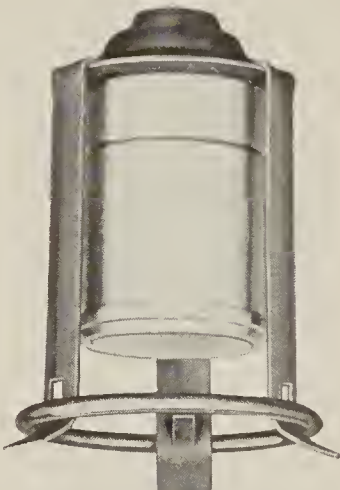
Separable Holders for Standard B-Heel Reflectors
For Mogul Base Lamps

On the pendant type holders a large cast aluminum cap nut is used to assemble the holders. These have left hand threads so that the holder can be securely locked without loosening the pipe connection. The use of these dissimilar metals prevent corrosions or freezing of these fittings.

A complete line of holders in various types are available to meet the varying conditions encountered in industrial locations. There are suspension types for attachment direct to pipe or from reinforced cord, in an open construction; stamped enameled; stamped steel duco; cast aluminum and cast iron. Ceiling types for attachment to 4-inch outlet boxes in the same variety of styles. These are duplicated for both medium and mogul base lamps. They are also provided with three distinctive methods of supporting the reflector equipment, namely, by clamps, by set screws, and by 3/4-inch threaded necks.

The No. 622 holder is of the skeleton type with mogul base socket tapped standard for 1/2-inch conduit. It is attached to the B-Heel by means of three clamps which are securely locked in place by a ring.

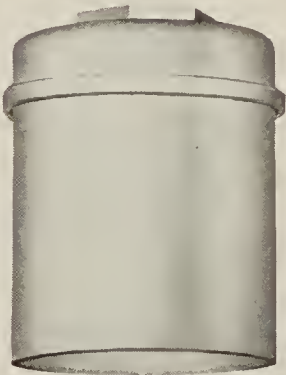
Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
622	\$2.00	Mogul	3 1/4" B	5 3/4"	10	25



No. 622

No. 909 holder is of cast aluminum of heavy construction for use with 3 1/4-inch B-Heel reflectors and mogul base lamps. It consists of a body and cap including a mogul base socket tapped for 1/2-inch pipe or 3/4-inch if specified. The reflector is securely held in place by two clamps which are held by screwing the cap down on the body of the holder locking the clamps between the reflector and a flange on the inside of the body. The cap is equipped with a left hand thread preventing loosening of the pipe fitting when locking holder on reflector.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
909	\$3.10	Mogul	3 1/4" B	5"	10	30



No. 909

Holder No. 968 is a set screw type made for attachment to standard 4-inch outlet boxes. It is drawn from heavy gauge deep drawing steel, Green Duco finish and equipped with a mogul base porcelain receptacle.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
968	\$1.85	Mogul	3 1/4" B	3 1/4"	10	25



No. 968

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R
F. O. B. Sebring, Ohio

Separable Holders for Heavy Duty 3¼-Inch
Threaded Neck Reflectors

For Medium Base Lamps

The proper holder and socket for a lighting installation is of almost as much importance as the reflector and the lamp. There must be an electrical outlet for the lamp, and the reflector must be securely supported in the correct relation to the lamp, if the best lighting results are to be obtained.

Ivanhoe holders are built around porcelain sockets of the highest quality and of rugged construction and will meet the most exacting code standards. The simplified construction of Ivanhoe holders and sockets make wiring easy, it is no "trick" job. The bottom of the socket is removable, exposing the terminal screws which are identified. Each socket is equipped with a special brass casting for attachment to ½-inch pipe and can be obtained on order tapped for ¾-inch pipe, or by using the No. 0667 adapter for 1½-inch pipe.

The No. 984 holder is of heavy gauge deep drawing steel threaded for heavy duty re-
flectors and finished in Green Duco. It is for attachment to standard 4-inch outlet boxes
and equiped with a medium porcelain receptacle.



No. 984

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
984 Keyless	\$0.95	Medium	3¼" HD	1⅞"	10	20
984 Pull Chain	1.75	Medium	3¼" HD	1⅞"	10	20



No. M994

No. M994 holder is of cast aluminum and of the outlet box cover type for use on standard 4-inch boxes. It is a threaded holder for use with the 18000 series reflectors and equipped with a set screw and lock nut to lock the reflector securely in the holder. Supplied with a Keyless and Pull Chain porcelain receptacles and finished in Green Duco.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
M994 Keyless	\$2.40	Medium	3¼" HD	2⅜"	10	20
M994 Pull Chain	3.20	Medium	3¼" HD	2⅜"	10	20



No. 18566

Holder No. 18566 is a stamped threaded holder, suspension type, for use on the 18000 series reflectors. Made of heavy gauge steel and finished in Green Porcelain-Enamel or Green Duco. It is equipped with a medium porcelain socket with brass casting and aluminum lock nut.

Cat. No.	Finish	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
18566 Keyless	Porc. Enamel	\$1.95	Medium	3¼" HD	3½"	10	10
18566 Pull Chain	Porc. Enamel	2.65	Medium	3¼" HD	3½"	10	10
18566 Keyless	Green Duco	1.10	Medium	3¼" HD	3½"	10	10
18566 Pull Chain	Green Duco	1.80	Medium	3¼" HD	3½"	10	10

Note: Tapped standard for ½-inch pipe, on order for ¾-inch pipe at no additional, charge or with No. 0667 Medium adapter for 1½-inch pipe \$0.50 list additional.



No. 18567

No. 18567 is a heavy Cast Aluminum threaded holder. It is equipped with a medium base porcelain socket, set screw and lock nut to securely fasten the reflector in the holder. It is tapped standard for ½-inch conduit ¾-inch if specified. These holders have a Natural Aluminum finish, Green Duco finish if specified.

Cat. No.	Finish	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
18567	Aluminum	\$2.30	Medium	3¼" HD	3⅝"	10	10

Note: Tapped standard for ½-inch pipe, on order for ¾-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1½-inch pipe \$0.50 list additional.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Separable Holders for Heavy Duty 3 1/4-Inch Threaded Neck Reflectors

For Mogul Base Lamps

On the pendant type holders a large cast aluminum cap nut is used to assemble the holders. These have left hand threads so that the holder can be securely locked without loosening the pipe connection. The use of these dissimilar metals prevent corrosions or freezing of these fittings.

A complete line of holders in various types are available to meet the varying conditions encountered in industrial locations. There are suspension types for attachment direct to pipe or from reinforced cord, in an open construction; stamped enameled; stamped steel ducooid; cast aluminum and cast iron. Ceiling types for attachment to 4-inch outlet boxes in the same variety of styles. These are duplicated for both medium and mogul base lamps. They are also provided with three distinctive methods of supporting the reflector equipment, namely, by clamps, by set screws, and by 3 1/4-inch threaded necks.

This holder No. 987 is the threaded type for use with the 18000 series reflectors and for attachment to standard 4-inch outlet boxes. They are made of heavy gauge steel finished in Green Duco and equipped with a mogul base porcelain receptacle.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship Wt. Lbs.
987	\$1.60	Mogul	3 1/4" HD	2 7/8"	10	25



No. 987

No. MO994 holder is supplied with a mogul receptacle. The body is cast aluminum and is made for attachment to standard 4-inch outlet boxes. This is a threaded holder for use with the 18000 series reflectors and units, with 3 1/4-inch threaded necks. A set screw and lock nut are provided as an additional safety device. Finish: Green Duco outside.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
MO994	\$2.80	Mogul	3 1/4" HD	2 3/8"	10	25



No. MO994

Holder No. 18576 is a stamped threaded suspension type for attachment to 1/2-inch conduit 3/4-inch if specified. The shell is drawn from heavy gauge deep drawing steel. The standard heavy duty mogul porcelain socket, brass casting and aluminum cap nut are supplied with this holder. It is made for use with the 18000 series reflectors and units with 3 1/4-inch threaded necks. Finish: Porcelain-Enameled or Green Duco.

Cat. No.	Finish	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
18576	Porc. Enamel	\$2.35	Mogul	3 1/4"HD	4 3/4"	10	25
18576	Green Duco	1.60	Mogul	3 1/4"HD	4 3/4"	10	25



No. 18576

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Mogul adapter for 1 1/2-inch pipe \$0.70 list additional.

The No. 18577 is a heavy Cast Aluminum threaded holder for use with the 18000 series, 3 1/4-inch threaded neck reflectors and units. It is equipped with the standard Ivanhoe mogul porcelain socket, brass casting and aluminum cap nut. A set screw and lock nut is provided as an added safety measure. Finish: Natural Aluminum, Green Duco if specified.

Cat. No.	List Price	Socket	Diam. Fitter	Depth	Std. Pkg.	Ship. Wt. Lbs.
18577	\$2.70	Mogul	3 1/4" HD	4 3/4"	10	30

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Mogul adapter for 1 1/2-inch pipe \$0.70 list additional.



No. 18577

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio



R L M Standard Dome Reflectors and Holders

For Medium and Mogul Base Lamps

B Heel Type R L M Dome Reflectors Only



Standard 2 1/4 or 3 1/4 inch B-Heel type reflector only, for use with B-type Separable holders.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watt.	RLM Standard Designation	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship Wt.
				Diam.	Depth	Fitter		
BEDD 60	\$1.80	50-60	Dome 60	12	5	2 1/4 B	10	22
BEDD 100	1.90	75-100	Dome 100	12	5 1/2	2 1/4 B	10	22
BEDD 150	2.20	150	Dome 150	14	6 5/8	2 1/4 B	10	32
BEDD 200	2.60	200	Dome 200	16 1/4	7 5/8	2 1/4 B	10	40
BEDD 500	3.60	300-500	Dome 500	18	7 3/4	3 1/4 B	5	30
BEDD 1000	5.30	750-1000-1500	Dome 1000	20 3/4	10 3/4	3 1/4 B	5	35



C-type reflector complete with holder for attachment to porcelain sockets.

C Type R L M Dome Reflectors and Holders

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watt.	RLM Standard Designation	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship Wt.
				Diam.	Depth	Fitter		
CEDD 60	\$2.00	50-60	Dome 60	12	5 5/8	C	10	22
CEDD 100	2.10	75-100	Dome 100	12	6 1/8	C	10	22
CEDD 150	2.40	150	Dome 150	14	7 1/4	C	10	32
CEDD 200	2.80	200	Dome 200	16 1/4	8 1/4	C	10	40



D-type reflector complete with holder for attachment to brass shell sockets.

D Type R L M Dome Reflectors and Holders

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watt.	RLM Standard Designation	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship Wt.
				Diam.	Depth	Fitter		
DEDD 60	\$1.95	50-60	Dome 60	12	5 1/2	D	10	22
DEDD 100	2.05	75-100	Dome 100	12	5 7/8	D	10	22
DEDD 150	2.35	150	Dome 150	14	7	D	10	32
DEDD 200	2.75	200	Dome 200	16 1/4	8	D	10	40

Holders for B Heel R L M Dome Reflectors

For Detailed Description of Holders see Pages 12 and 13



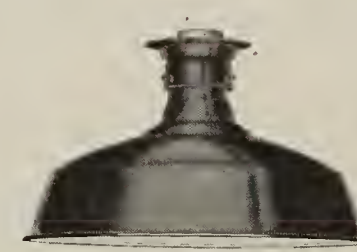
Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 822 Medium base, \$1.20; No. 622 Mogul base, \$2.00.



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 884 Medium base, \$1.60; Finish: Green porcelain.



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 908 Medium base, \$1.95; No. 909 Mogul base, \$3.10.



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 964 Medium base, \$1.25; No. 968 Mogul base, \$1.85. Finish: Green Duco.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

R L M Standard Dome Reflectors and Holders

For Medium and Mogul Base Lamps



R Type R L M Dome Reflectors with Sockets

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watt.	RLM Standard Designation	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship Wt.
				Diam.	Depth	Fitter		
REDD 60	\$3.20	50-60	Dome 60	12	7 ³ / ₄	R	10	30
REDD 100	3.30	75-100	Dome 100	12	8 ¹ / ₄	R	10	30
REDD 150	3.50	150	Dome 150	14	9 ¹ / ₄	R	10	40
REDD 200	4.30	200	Dome 200	16 ¹ / ₄	10 ¹ / ₂	R	10	50
REDD 500	5.30	300-500	Dome 500	18	12 ¹ / ₂	R	5	35
REDD 1000	7.20	750-1000-1500	Dome 1000	20 ³ / ₄	15 ¹ / ₈	R	2	25



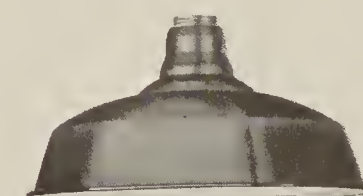
R-type reflector with solid top containing porcelain socket.

Note: R Type reflectors will be supplied with pull chain sockets at \$0.70 list additional or lock sockets at \$0.50 list additional, Keys \$0.07 each net.

Tapped standard for 1/2" pipe, on order for 3/4" pipe at no additional charge, or with No. 0667 Medium adapter for 1 1/2" pipe \$0.50 list additional, or No. 0667 Mogul adapter \$0.70 list additional.

S Type R L M Dome Reflectors Medium Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watt.	RLM Standard Designation	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship Wt.
				Diam.	Depth	Fitter		
SEDD 60	\$1.95	50-60	Dome 60	12	5 ³ / ₈	S	10	22
SEDD 100	2.05	75-100	Dome 100	12	5 ⁷ / ₈	S	10	22
SEDD 150	2.35	150	Dome 150	14	7	S	10	32
SEDD 200	2.75	200	Dome 200	16 ¹ / ₄	8	S	10	40



S-type reflector with holder for use with Bryant, Arrow or General Electric threaded type sockets.

Heavy Duty 3 1/4 Inch Threaded Neck Type R L M Dome Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watt.	RLM Standard Designation	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship Wt.
				Diam.	Depth	Fitter		
18552	\$2.10	75-100	Dome 100	12	5 ³ / ₈	3 1/4 HD	10	22
18554	2.40	150	Dome 150	14	6 ¹ / ₂	3 1/4 HD	10	30
18556	2.80	200	Dome 200	16 ¹ / ₄	7 ³ / ₈	3 1/4 HD	10	40
18558	3.80	300-500	Dome 500	18	8 ¹ / ₂	3 1/4 HD	5	30
18559	5.80	750-1000-1500	Dome 1000	20 ³ / ₄	11 ¹ / ₂	3 1/4 HD	5	35



Heavy Duty 3 1/4-inch Threaded Neck reflector for use with 3 1/4-inch threaded type separable holders.

Holders for Heavy Duty 3 1/4 Inch Threaded Neck Type R L M Dome Reflectors

For Detailed Description of Holders see Pages 14 and 15



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. 984 Medium base, Keyless, \$0.95; Pull Chain, \$1.75; No. 987 Mogul base, \$1.60. Finish: Green Duco.



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. M 994 Medium base, Keyless, \$2.40; Pull Chain, \$3.20; No. MO994 Mogul base, \$2.80.



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. 18566 Medium base, Keyless, \$1.95; Pull Chain, \$2.65; Duco finish, Keyless, \$1.10; Pull Chain, \$1.80; No. 18576 Mogul base, \$2.35, Duco finish; \$1.60.



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. 18567 Medium base, \$2.30; No. 18577 Mogul base, \$2.70.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Standard Porcelain-Enameled Bowl Reflectors and Holders

For Medium and Mogul Base Lamps



Standard 2¼ or 3¼ inch B-heel type reflector only, for use with B type Separable holders.

B-Heel Type Bowl Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
BEB 25	\$0.95	25-40	5½	3⅜	2¼ B	10	8
BEB 60	1.50	50-60	7½	4⅝	2¼ B	10	10
BEB 100	1.60	75-100	8½	6	2¼ B	10	12
BEB 150	1.80	150	9½	7¼	2¼ B	10	20
BEB 200	2.20	200	10½	8¼	2¼ B	10	25
BEB 500	3.60	300-500	12½	8½	3¼ B	10	30
BEB 1000	4.40	750-1000-1500	15⅜	11¾	3¼ B	5	30



C-type reflector complete with holder for attachment to porcelain sockets.

C Type Bowl Reflectors and Holders

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
CEB 25	\$1.15	25-40	5½	4⅛	C	10	8
CEB 60	1.70	50-60	7½	5⅜	C	10	10
CEB 100	1.80	75-100	8½	6¾	C	10	12
CEB 150	2.00	150	9½	7⅞	C	10	20
CEB 200	2.40	200	10½	9	C	10	25



D-type reflector complete with holder for attachment to brass shell sockets.

D Type Bowl Reflectors and Holders

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
DEB 25	\$1.10	25-40	5½	3⅝	D	10	8
DEB 60	1.65	50-60	7½	5⅛	D	10	10
DEB 100	1.75	75-100	8½	6½	D	10	12
DEB 150	1.95	150	9½	7⅝	D	10	20
DEB 200	2.35	200	10½	8¾	D	10	25

Holders for B-Heel Bowl Reflectors

For Detailed Description of Holders see Pages 12 and 13



Holders for B-heel reflectors showing complete assembly. List price holders only, No. 822 Medium base, \$1.20; No. 622 Mogul base, \$2.00.



Holders for B-heel reflectors showing complete assembly. List price holders only, No. 884 Medium base, \$1.60; Finish: Green porcelain.



Holders for B-heel reflectors showing complete assembly. List price holders only, No. 908 Medium base, \$1.95; No. 909 Mogul base, \$3.10.



Holders for B-heel reflectors showing complete assembly. List price holders only, No. 964 Medium base, \$1.25; No. 968 Mogul base, \$1.85. Finish: Green Duco.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Standard Porcelain-Enameled Bowl Reflectors and Holders

For Medium and Mogul Base Lamps

R Type Bowl Reflectors with Socket

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth Inches	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
REB 60	\$2.85	50-60	7½	7½	R	10	18
REB 100	3.10	75-100	8½	8¾	R	10	22
REB 150	3.30	150-200	9½	9⅞	R	10	24
REB 500	4.70	300-500	12½	13	R	5	30
REB 1000	6.40	750-1000-1500	15⅜	16⅜	R	3	25

Note: R Type reflectors will be supplied with pull chain sockets at \$0.70 list additional or lock sockets at \$0.50 list additional, Keys \$0.07 each net.

Tapped standard for ½" pipe, on order for ¾" pipe at no additional charge, or with No. 0667 Medium adapter for 1½" pipe \$0.50 list additional, or No. 0667 Mogul adapter \$0.70 list additional.



R type reflector with solid top containing porcelain sockets.

S Type Bowl Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth Inches	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
SEB 60	\$1.65	50-60	7½	5	S	10	10
SEB 100	1.75	75-100	8½	6⅜	S	10	12
SEB 150	1.95	150	9½	7⅝	S	10	20
SEB 200	2.35	200	10½	8⅝	S	10	25



S Type reflector with holder for use with Bryant, Arrow or General Electric threaded type sockets.

Heavy Duty 3¼-Inch Threaded Neck Type Bowl Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth Inches	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
18560	\$1.80	75-100	8½	5⅜	3¼ HD	10	15
18561	2.00	150	9½	6¾	3¼ HD	10	15
18562	2.40	200	10	7⅝	3¼ HD	10	25
18563	3.80	300-500	12½	8½	3¼ HD	10	30
18565	4.75	750-1000-1500	15¾	12⅞	3¼ HD	5	30



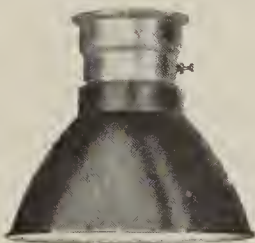
Heavy Duty 3¼-inch Threaded Neck reflector for use with 3¼-inch threaded type separable holders.

Holders for Heavy Duty 3¼-Inch Threaded Neck Type Bowl Reflectors

For Detailed Description of Holders see Pages 14 and 15



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. 984, Medium base, Keyless, \$0.95; Pull Chain, \$1.75; No. 987 Mogul base, \$1.60. Finish: Green Duco.



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. M 994 Medium base, Keyless, \$2.40; Pull Chain \$3.20; No. MO994 Mogul base, \$2.80.



Holders for Heavy duty reflectors showing complete assembly. List Price holders only, No. 18566 Medium base, Keyless, \$1.95; Pull Chain, \$2.65; Duco finish, Keyless, \$1.10; Pull Chain, \$1.80; No. 18576 Mogul base, \$2.35, Duco finish, \$1.60.



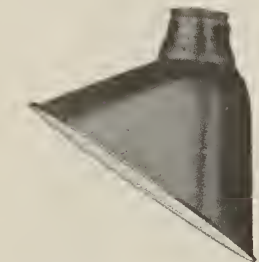
Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. 18567 Medium base, \$2.30; No. 18577 Mogul base, \$2.70.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R
F. O. B. Sebring, Ohio

Standard Porcelain-Enameled Angle Reflectors and Holders

For Medium and Mogul Base Lamps



Standard 2¼ or 3¼ inch B-Heel type reflector only, for use with B type Separable holders.

B-Heel Type Angle Reflectors Only

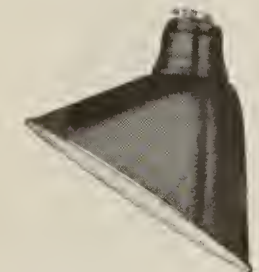
Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
BEL 25	\$0.95	25-40	5½	5½	2¼ B	10	8
BEL 60	1.15	50-60	7	5¾	2¼ B	10	10
BEL 100	1.45	75-100	8¼	6¾	2¼ B	10	12
BEL 150	1.95	150-200	10½	9¼	2¼ B	10	20
BEL 500	3.50	300-500	12½	11¾	3¼ B	5	15
BEL 1000	5.50	750-1000-1500	15¾	15	3¼ B	5	25



C-type reflector complete with holder for attachment to porcelain sockets.

C Type Angle Reflectors and Holders

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
CEL 25	\$1.15	25-40	5½	6¼	C	10	8
CEL 60	1.35	50-60	7	6½	C	10	10
CEL 100	1.65	75-100	8¼	7½	C	10	12
CEL 150	2.15	150-200	10½	10	C	10	20



D-type reflector complete with holder for attachment to brass shell sockets.

D Type Angle Reflectors and Holders

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
DEL 25	\$1.10	25-40	5½	4¾	D	10	8
DEL 60	1.30	50-60	7	6¾	D	10	10
DEL 100	1.60	75-100	8¼	7¼	D	10	12
DEL 150	2.10	150-200	10½	9¾	D	10	20

Holders for B-Heel Angle Reflectors

For Detailed Description of Holders see Pages 12 and 13



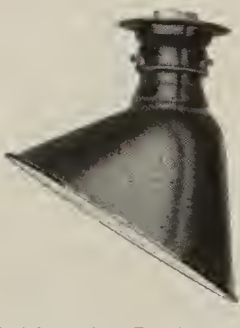
Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 822 Medium base, \$1.20; No. 622 Mogul base, 2.00.



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 884 Medium base, \$1.60; Finish: Green porcelain.



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 908 Medium base, \$1.95; No. 909 Mogul base, \$3.10.



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 964 Medium base, \$1.25; No. 968 Mogul base, \$1.85. Finish: Green Duco.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Standard Porcelain-Enameled Angle Reflectors and Holders

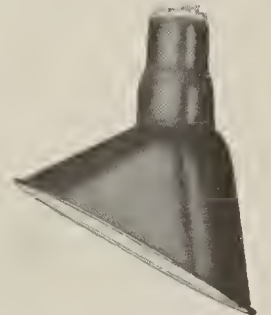
For Medium and Mogul Base Lamps

R Type Angle Reflectors with Sockets

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
REL 100	\$2.95	60-75-100	8 $\frac{1}{4}$	9 $\frac{1}{2}$	R	10	20
REL 150	3.45	150-200	10 $\frac{1}{2}$	12	R	10	30
REL 500	4.95	300-500	12 $\frac{1}{2}$	16 $\frac{1}{4}$	R	5	30
REL 1000	7.60	750-1000-1500	15 $\frac{3}{8}$	19 $\frac{1}{2}$	R	5	25

Note: R Type reflectors will be supplied with pull chain sockets at \$0.70 list additional or lock sockets at \$0.50 list additional, Keys \$0.07 each net.

Tapped standard for $\frac{1}{2}$ " pipe, on order for $\frac{3}{4}$ " pipe at no additional charge, or with No. 0667 Medium adapter for $1\frac{1}{2}$ " pipe \$0.50 list additional, or No. 0667 Mogul adapter \$0.70 list additional.



R-type reflector with solid top containing porcelain sockets.

S Type Angle Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
SEL 60	\$1.30	50-60	7	6 $\frac{1}{2}$	S	10	15
SEL 100	1.60	75-100	8 $\frac{1}{4}$	7 $\frac{1}{4}$	S	10	20
SEL 150	2.10	150-200	10 $\frac{1}{2}$	9 $\frac{3}{4}$	S	10	25



S-type reflector with holder for use with Bryant, Arrow or General Electric threaded type sockets.

Heavy Duty $3\frac{1}{4}$ Inch Threaded Neck Type Angle Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
18540	\$1.80	60-100	8 $\frac{1}{2}$	7 $\frac{1}{2}$	3 $\frac{1}{4}$ HD	10	15
18541	2.75	150-200	10	9 $\frac{1}{2}$	3 $\frac{1}{4}$ HD	10	20
18542	4.55	300-500	12 $\frac{1}{2}$	12 $\frac{1}{4}$	3 $\frac{1}{4}$ HD	5	20
18545	6.25	750-1000-1500	15 $\frac{3}{8}$	16 $\frac{3}{8}$	3 $\frac{1}{4}$ HD	3	25



Heavy Duty $3\frac{1}{4}$ -inch Threaded Neck reflector for use with $3\frac{1}{4}$ -inch threaded type separable holders.

Holders for Heavy Duty $3\frac{1}{4}$ -Inch Threaded Neck Type Angle Reflectors

For Detailed Description of Holders see Pages 14 and 15



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. 984, Medium base Keyless, \$0.95; Pull Chain, \$1.75; No. 987 Mogul base, \$1.60. Finish: Green Duco.



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. M 994 Medium base, Keyless, \$2.40; Pull Chain \$3.20; No. MO994 Mogul base, \$2.80.



Holders for Heavy duty reflectors showing complete assembly. List Price holders only, No. 18566 Medium base, Keyless, \$1.95; Pull Chain, \$2.65; Duco finish, Keyless, \$1.10; Pull Chain, \$1.80; No. 18576 Mogul base, \$2.35, Duco finish, \$1.60.



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. 18567 Medium base, \$2.30; No. 18577 Mogul base, \$2.70.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Standard Porcelain-Enameled Shallow Dome Reflectors and Holders

For Medium and Mogul Base Lamps



Standard 2 1/4 or 3 1/4 inch B-Heel type reflector only, for use with B type Separable holders.

B-Heel Type Shallow Dome Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
BED 25	\$0.95	25-40	8	2 3/8	2 1/4 B	10	10
BED 40	1.25	25-40	10 1/4	3 1/8	2 1/4 B	10	15
BED 60	1.45	50-60	12 1/4	4	2 1/4 B	10	20
BED 100	1.70	75-100	12 1/4	4 3/4	2 1/4 B	10	25
BED 150	2.50	150-200	15 1/4	6 5/8	2 1/4 B	10	30
BED 500	3.60	300-500	18	7 3/4	3 1/4 B	5	30



C-type reflector complete with holder for attachment to porcelain sockets.

C Type Shallow Dome Reflectors and Holders

Ivanhoe Lamp Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
CED 40	\$1.45	25-40	10 1/4	3 3/4	C	10	15
CED 60	1.65	50-60	12 1/4	4 5/8	C	10	20
CED 100	1.90	75-100	12 1/4	5 5/8	C	10	25
CED 150	2.70	150-200	15 1/4	7 3/8	C	10	30



D-type reflector complete with holder for attachment to brass shell sockets.

D Type Shallow Dome Reflectors and Holders

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
DED 40	\$1.40	25-40	10 1/4	3 1/2	D	10	15
DED 60	1.60	50-60	12 1/4	4 3/8	D	10	20
DED 100	1.85	75-100	12 1/4	5 3/8	D	10	25
DED 150	2.65	150-200	15 1/4	7	D	10	30

Holders for B-Heel R L M Dome Reflectors

For Detailed Description of Holders see Pages 12 and 13



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 822 Medium base, \$1.20; No. 622 Mogul base, \$2.00.



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 884 Medium base, \$1.60; Finish: Green porcelain



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 908 Medium base, \$1.95; No. 909 Mogul base, \$3.10.



Holders for B-Heel reflectors showing complete assembly. List price holders only, No. 964 Medium base, \$1.25; No. 968 Mogul base, \$1.85. Finish: Green Duco.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Standard Porcelain-Enameled Shallow Dome Reflectors and Holders

For Medium and Mogul Base Lamps

R Type Shallow Dome Reflectors with Sockets

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
RED 60	\$3.30	50-60	12 1/4	6 3/4	R	10	30
RED 100	3.50	75-100	12 1/4	7 1/2	R	10	30
RED 150	3.80	150-200	15 1/4	9 3/8	R	10	40
RED 500	5.50	300-500	18	12 3/8	R	3	25

Note: R-Type reflectors will be supplied with pull chain sockets at \$0.70 list additional or lock sockets at \$0.50 list additional, Keys \$0.07 each net.

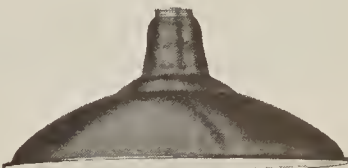
Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional or No. 0667 Mogul adapter \$0.70 list additional.



R-type reflector with solid top containing porcelain sockets.

S Type Shallow Dome Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
SED 40	\$1.40	25-40	10 1/4	3 5/8	S	10	15
SED 60	1.60	50-60	12 1/4	4 1/2	S	10	20
SED 100	1.85	75-100	12 1/4	5 1/2	S	10	25
SED 150	2.65	150-200	15 1/4	7 1/8	S	10	30



S-type reflector with holder for use with Bryant, Arrow or General Electric threaded type sockets.

Heavy Duty 3 1/4-Inch Threaded Neck Type Shallow Dome Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
18564	\$1.80	40-50-60	12 1/4	4 3/4	3 1/4 HD	10	20
18569	2.15	75-100	14	5 3/4	3 1/4 HD	10	25
18575	2.75	150-200	15 1/4	6 1/8	3 1/4 HD	10	30
18578	3.70	300-500	18	8 3/4	3 1/4 HD	5	30



Heavy Duty 3 1/4-inch Threaded Neck reflector for use with 3 1/4-inch threaded type separable holders.

Holders for Heavy Duty 3 1/4-Inch Threaded Neck Type R L M Dome Reflectors

For Detailed Description of Holders see Pages 14 and 15



Holders for Heavy duty reflectors showing complete assembly. List price holders only No. 984, Medium base, Keyless, \$0.95; Pull Chain, \$1.75; No. 987 Mogul base, \$1.60. Finish: Green Duco.



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. M 994 Medium base, Keyless, \$2.40; Pull Chain \$3.20; No. MO994 Mogul base, \$2.80.



Holders for Heavy duty reflectors showing complete assembly. List Price holders only, No. 18566 Medium base, Keyless, \$1.95; Pull Chain, \$2.65; Duco finish, Keyless, \$1.10; Pull Chain, \$1.80; No. 18576 Mogul base, \$2.35; Duco finish, \$1.60.



Holders for Heavy duty reflectors showing complete assembly. List price holders only, No. 18567 Medium base, \$2.30; No. 18577 Mogul base, \$2.70.

The New Ivanhoe Dust-Proof Glassteel Diffuser

Dust-Proof Lint-Proof Easy to Clean



Ivanhoe Glassteel Diffuser unit assembled. White porcelain-enamel inside and outside, with white opal enclosing globe.

The advantages of this new Glassteel Diffuser are of extreme importance in industrial locations where dust, lint or other foreign matters are prevalent in the air. The threaded globe, screws into a threaded holder and seats against an asbestos gasket making a unit that is dust- or lint-proof.

This feature reduces maintenance to a minimum as the interior of the globe is protected against dirt and it is only necessary to wipe off the exterior of the globe and reflector with a damp cloth. Relamping is a simple problem as it is only necessary to unscrew globe and replace lamp. Breakage of globes due to expansion or contraction of glass is also reduced to a minimum as there are no screws or other devices placing a strain on the glass.

Outstanding Features

1. Provides the highest type of lighting.
2. Dust-proof and lint-proof.
3. Entire unit easily cleaned in place—by running over it with a damp cloth. Unnecessary to remove globe in cleaning.
4. Mounting can be recessed when desirable.

Recommended for:

- General overhead and group lighting—
- Where light of high intensity is essential;
- Where direct or reflected glare must be eliminated;
- Where diffusion of light is required for correct distribution and to prevent sharp shadows;
- Or where work on vertical surfaces predominates.

It is possible to recess this unit in the ceiling as due to its construction it is not necessary to have the upper portion of the reflector accessible for globe removal or relamping. These features combined with the many outstanding advantages of the Glassteel Diffuser provide a lighting unit that is superior in design, construction and lighting efficiency to any unit recommended for general lighting in most industries.

These units can be supplied with either light density, highly diffusing white Genco glass or with the new Ivanhoe Silvo glass which is a blue-white glass that produces light that approximates that of natural daylight. A light that is easier on the eyes of workers and produces a more pleasant working area.



Glassteel Diffuser unit apart. Note threaded globe with locking asbestos gasket that makes this unit dust-proof.

INDUSTRIAL LIGHTING SECTION

The Standard Ivanhoe Glassteel Diffuser

Efficient General Lighting Unit

Diffusing qualities, eliminates harsh and objectionable shadows. Enclosing globe reduces glare and reflections.

Gives soft, even level of illumination.

Upper portion of room lighted gives a cheerful, pleasant working area.

Both horizontal and vertical surfaces well lighted.

Compact and attractive in appearance.



Standard Ivanhoe Glassteel Diffuser. White porcelain-enameled inside and outside, white Genco globe.

The Standard Ivanhoe Glassteel Diffuser is a combination of a large porcelain-enameled dome reflector, white inside and out, and an enclosing globe of light density, diffusing white Genco glass. Trutint globes of a blue glass that provides for color correction by filtration of the red and yellow rays, correcting the light that passes through the glass to the quality of noon sunlight should be used where the artificial light should blend with daylight or where accurate discrimination of colors and tints is essential. In such

locations as printing plants, textile mills, paint shops, cigar factories, food industries and others.

Ivanhoe Silvo glass globes can also be regularly supplied with these units. Silvo glass is a blue-white glass of high diffusion and low surface brightness that produces light comparable to that of daylight. The globe used in the standard type Glassteel Diffuser has the ordinary type of fitter and is supported in the unit by a safety type holder, having fingers which support the glass from the inside shoulder without the use of set screws, wire or similar holding devices.



Typical Ivanhoe Glassteel Diffuser installation in National Automatic Tool Co. Richmond, Indiana.

Typical Locations

Printing Plants.
Engraving Plants
Textile Mills.
Automobile Industry.
Machine Shops.
Fine Bench Assembling.
Book Binderies.
Tool Making.
Inspection Departments.
Clothing Manufacturing.
Upholstering.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Glassteel Diffusers

For Medium and Mogul Base Lamps

B-Heel Type Standard Glassteel Diffuser with Genco Globe



Complete Unit—B-Heel Holder—Cast aluminum natural finish. White porcelain-enameled reflector. Genco globe

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
958	\$ 9.00	150-200	18	10½	2¼ B	4	48
959	12.50	300-500	20¾	14½	3¼ B	4	65

No. 958 with Trutint Globe \$0.50 list additional and specify Trutint.

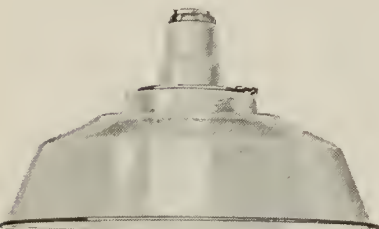
No. 958 with Silvo Globe 0.20 list additional and specify Silvo.

No. 959 with Trutint Globe 0.75 list additional and specify Trutint.

No. 959 with Silvo Globe 0.40 list additional and specify Silvo.

Note: Holders are tapped standard for ½-inch pipe, on order for ¾-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1 ½-inch pipe \$0.50 list additional, or No. 0667 Mogul adapter \$0.70 list additional.

R Type Standard Glassteel Diffuser with Genco Globe



Complete Unit—Solid top construction including medium porcelain socket. Tapped for ½ in. pipe. Includes Genco globe. Finish—White enamel.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
962	\$ 9.00	150-200	18	10⅛	R	4	45
963	12.50	300-500	20¾	13⅜	R	4	62

No. 962 with Trutint Globe \$0.50 list additional and specify Trutint.

No. 962 with Silvo Globe 0.20 list additional and specify Silvo.

No. 963 with Trutint Globe 0.75 list additional and specify Trutint.

No. 963 with Silvo Globe 0.40 list additional and specify Silvo.

Note: Tapped standard for ½-inch pipe, on order for ¾-inch pipe, at no additional charge, or with No. 0667 Medium adapter for 1 ½-inch pipe \$0.50 list additional, or No. 0667 Mogul adapter \$0.70 list additional.

Globes for Replacement

No. 5854-10x6 Genco	\$2.30 list	} For use with Catalog No. 958; No. 962.
No. 5854-10x6 Trutint	2.80 list	
No. 5854-10x6 Silvo	2.50 list	
No. 5854-12x6 Genco	\$3.60 list	} For use with Catalog No. 959; No. 963.
No. 5854-12x6 Trutint	4.35 list	
No. 5854-12x6 Silvo	4.00 list	
No. 5794-14x6 Celestialite	\$9.05 list	} For use with Catalog No. 959; No. 963.
No. 5794-15x6 Genco	4.75 list	

Note: Globe No. 5468-10x5 Genco or Trutint can be supplied for replacement on old equipment having 5 inch fitters. Reflectors without Top openings will be supplied on order, if so specified at no additional charge.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Glassteel Diffusers

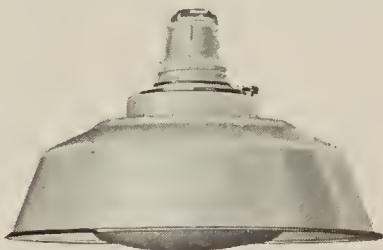
For Medium and Mogul Base Lamps

Heavy Duty Type Standard Glassteel Diffuser with Genco Globe

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
18570	\$ 9.00	150-200	18	11 1/4	3 1/4 HD	4	45
18580	12.50	300-500	20 3/4	14 1/4	3 1/4 HD	4	62
18585	18.50	750-1000	24	16 1/4	3 1/4 HD	2	35

- No. 18570 with Trutint Globe \$0.50 list additional and specify Trutint.
- No. 18570 with Silvo Globe 0.20 list additional and specify Silvo.
- No. 18580 with Trutint Globe 0.75 list additional and specify Trutint.
- No. 18580 with Silvo Globe 0.40 list additional and specify Silvo.
- No. 18585 with Trutint Globe 1.75 list additional and specify Trutint.

Note: Holders are tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional or No. 0667 Mogul adapter \$0.70 list additional.



Complete Unit — Stamped Threaded Holder—White porcelain enameled. White porcelain-enameled reflector. Genco globe.

Heavy Duty Type Standard Glassteel Diffuser with Genco Globe

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
18573	\$ 9.00	150-200	18	10 3/8	3 1/4 HD	4	50
18583	12.50	300-500	20 3/4	12 5/8	3 1/4 HD	4	65
18588	18.50	750-1000	24	14 5/8	3 1/4 HD	2	30

- No. 18573 with Trutint Globe \$0.50 list additional and specify Trutint.
- No. 18573 with Silvo Globe 0.20 list additional and specify Silvo.
- No. 18583 with Trutint Globe 0.75 list additional and specify Trutint.
- No. 18583 with Silvo Globe 0.40 list additional and specify Silvo.
- No. 18588 with Trutint Globe 1.75 list additional and specify Trutint.



Complete Unit—3/4-in. Threaded Holder — Cast aluminum White Duco finish. White porcelain enameled reflector Genco globe

Globes for Replacement

No. 5854-10x6 Genco	\$2.30 list	} For use with Catalog No. 18570; No. 18573.
No. 5854-10x6 Trutint	2.80 list	
No. 5854-10x6 Silvo	2.50 list	
No. 5854-12x6 Genco	\$3.60 list	} For use with Catalog No. 18580; No. 18583.
No. 5854-12x6 Trutint	4.35 list	
No. 5854-12x6 Silvo	4.00 list	
No. 5794-14x6 Celestialite	\$9.05 list	} For use with Catalog No. 18580; No. 18583.
No. 5794-15x6 Genco	4.75 list	
No. 5784-16 Genco	\$7.25 list	} For use with Catalog No. 18585; No. 18588.
No. 5784-16 Trutint	9.00 list	

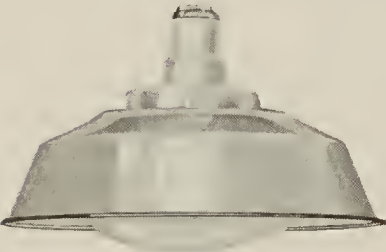
Note: Globe No. 5468-10x5 Genco or Trutint can be supplied for replacement on old equipment having 5-inch fitter. Reflectors without Top openings will be supplied on order, if so specified, at no additional charge.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Dust-Proof Glassteel Diffuser



Complete Unit—Solid top construction including medium porcelain socket. Tapped for 1/2-in. pipe. Includes Genco globe. Finish—White enamel

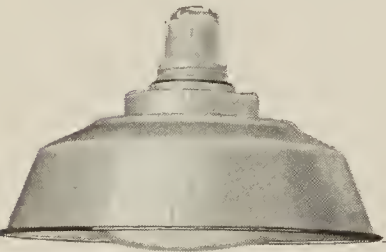
R Type Dust-Proof Glassteel Diffuser with Genco Globe

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
1262	\$ 9.00	150-200	18	10 1/4	R	4	50
1263	12.50	300-500	20 3/4	13 1/2	R	4	60

No. 1262 with Silvo Globe \$0.20 list additional and specify Silvo.

No. 1263 with Silvo Globe 0.40 list additional and specify Silvo.

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional or with No. 0667 Mogul adapter \$0.70 list additional.



Complete Unit — Stamped Threaded Holder—White porcelain enameled. White porcelain-enameled reflector. Genco globe.

Heavy Duty Type Dust-Proof Glassteel Diffuser with Genco Globe

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
19570	\$ 9.00	150-200	18	11 1/2	3 1/4 HD	4	50
19580	12.50	300-500	20 3/4	14 1/2	3 1/4 HD	4	60

No. 19570 with Silvo Globe \$0.20 list additional and specify Silvo.

No. 19580 with Silvo Globe 0.40 list additional and specify Silvo.

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional or with No. 0667 Mogul adapter \$0.70 list additional.



Complete Unit—3 1/4-in. Threaded Holder — Cast aluminum White Duco finish. White porcelain enameled reflector. Genco globe.

Heavy Duty Dust-Proof Glassteel Diffuser with Genco Globe

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
19573	\$ 9.00	150-200	18	10 5/8	3 1/4 HD	4	50
19583	12.50	300-500	20 3/4	12 7/8	3 1/4 HD	4	60

No. 19573 with Silvo Globe \$0.20 list additional and specify Silvo.

No. 19583 with Silvo Globe 0.40 list additional and specify Silvo.

Globes for Replacement

No. 2444 x 10 Genco \$2.30 list }
No. 2444 x 10 Silvo 2.50 list } For use with Catalog No. 1262; No. 19570; No. 19573.

No. 2444 x 12 Genco \$3.60 list }
No. 2444 x 12 Silvo 4.00 list } For use with Catalog No. 1263; No. 19580; No. 19583.

Note: Reflectors without top openings will be supplied on order if so specified, at no additional charge.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Glass-Top Reflectors Dome Type and Holders

For Medium and Mogul Base Lamps

Ivanhoe Glass-Top Reflectors were designed for use in factories where the general appearance of the work-room is considered essential to good workmanship and contentment of employees.

These reflectors are particularly suitable and recommended for the Textile, Garment and Food industries and others where female help is employed. The added cheerfulness and sanitary appearance of the work-room made possible by the use of these reflectors is more than desirable in such locations.

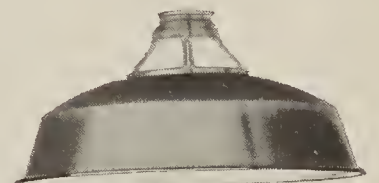
These reflectors are available only in the popular Standard Dome Type. The standard form is used, with a small portion of the top cut away. The opening is covered with a light density, diffusing glass cover, securely held in place with metal clips, which permits a small amount of light (from 8 to 10%) to pass upward. This quantity of light is sufficient to illuminate the ceiling and top walls to a desirable brightness.

This feature relieves the contrast in brightness between the areas below and above the lighting units. The light above the reflectors also serves to illuminate the pulleys, line shafting, and other machinery above the level of the units so that repairs can be made conveniently.

The efficiency of Ivanhoe Glass-Top Reflectors varies so slightly in the amount of light directed to the working area, as compared with the standard R L M Dome types, that their application is the same. They should be spaced not to exceed one and two-thirds their height above the work.

B-Heel Type Glass-Top Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
BEDD 100 G. T.	\$2.90	75-100	12	6	2 1/4 B	10	25
BEDD 150 G. T.	3.15	150	14	6 3/4	2 1/4 B	10	35
BEDD 200 G. T.	3.60	200	16 1/4	7 3/4	2 1/4 B	10	40



Standard 2 1/4-inch B-Heel reflector only, for use with B type separable holders.

Extra Glass Tops for Glass-Top Reflectors

6062 Druid \$0.85 Glass Tops are of the same dimensions for all sizes of Glass Top Reflectors	40	50
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Note: C, D, or S Type reflectors will be supplied on order. They are not carried in stock.

Holders for B-Heel Glass-Top Reflectors

For Detailed Description of Holders see Pages 12 and 13



Holder for B-Heel reflectors showing complete assembly. List price holder only, No. 822 Medium base, \$1.20; No. 622 Mogul base, \$2.00



Holder for B-Heel reflectors showing complete assembly. List price holder only, No. 884 medium base, \$1.60. Finish: Green porcelain.



Holder for B-Heel reflectors showing complete assembly. List price holder only, No. 908 Medium base, \$1.95; No. 900 Mogul base, \$3.10



Holder for B-Heel reflectors showing complete assembly. List price holder only, No. 964 medium base, \$1.25. Finish: Green Duco.

IVANHOE LIGHTING EQUIPMENT

Ivanhoe High Mounting and Floodlighting Units for Any

Industrial Need
For Remodeling

For New Installations
For Replacements



*Storage yard lighted with
Ivanhoe No. 1065 reflectors.*



*Crane bay in industrial plant
before relighting, average 6-
foot candles, R L M reflectors
and bowl enamel lamps*



*Same installation as il-
lustrated above after re-
lighting with Ivanhoe No.
1064 reflectors, same wattage,
average 13.5-foot candles.*



*Crane bay with No. 1065 re-
flectors, average 22-foot candles,
20 x 20 foot spacing, mounting
height 35 feet above working
plane.*

Ivanhoe High Mounting Units No. 1064 and No. 1065 and Floodlighting Units No. 865; No. 1066 and No. 1067 meet the exacting demands of industry, for the lighting of such areas, as crane bays, foundries, assembly floors or other locations, where due to cranes, moving machinery shafting or other causes, the lighting equipment must be mounted from 25 to 100 feet above the floor or working plane.

These Ivanhoe reflectors are constructed of aluminum, with a special Ivanite finish which produces better light output and control than can be obtained with other reflecting media. This finish is not affected by heat, dirt, smoke or other atmospheric conditions. It does not depreciate in service and is easily cleaned with a soft wire brush or standard cleaning powders.

As the reflectors are light in weight, easy to install no special provision for mounting is necessary as they can be attached direct to pipe or conduit.

They are now supplied in the weather-proof R-Type construction, the Heavy Duty $3\frac{1}{4}$ inch threaded neck type for use with separable holders of the threaded type or in the standard B-Heel type for use with B-Heel type separable holders, for simple, easy, quick installation of equipment or removal of reflectors for cleaning.

The extension on the Heavy Duty threaded type is of cast aluminum which provides a sturdy holding device for threaded type separable holders.

If it is desirable or necessary to mount the reflectors in an angle position or at the sides to avoid moving machinery

or to increase the intensity of illumination on a given area, they can be supplied equipped with a heavy cast aluminum swivel joint assembly which permits the unit to be mounted at any given angle.

This line of reflectors is complete in that they are standard with various types of holding devices and in both the concentrating or floodlighting type distributions to meet varying demands and conditions, they are designed to serve Mazda lamps from the 300 to 1500 watt sizes.

The concentrating type should be used for higher mountings or where a very high intensity of light is required over a small area, the mounting height of the units not exceeding their spacing distance. The flood or extensive type should be used at the lower mounting heights or where a broad distribution of light is required over a greater area. In this case the spacing should not exceed twice the mounting height for uniform illumination.

When used out of doors or where atmospheric conditions warrant, these reflectors can be equipped with Ivanhoe Hinged Dust Covers.

For the Lighting of

High Bays	Erecting Shops
Crane Bays	Power Stations
Foundries	Engine Rooms
Assembly Floors	Construction Work
Furnace Rooms	Fabricating Yards
Boiler Rooms	Air Craft Hangers

INDUSTRIAL LIGHTING SECTION

Ivanhoe High Mounting and Floodlighting Units

for

Recreational and Outdoor Lighting



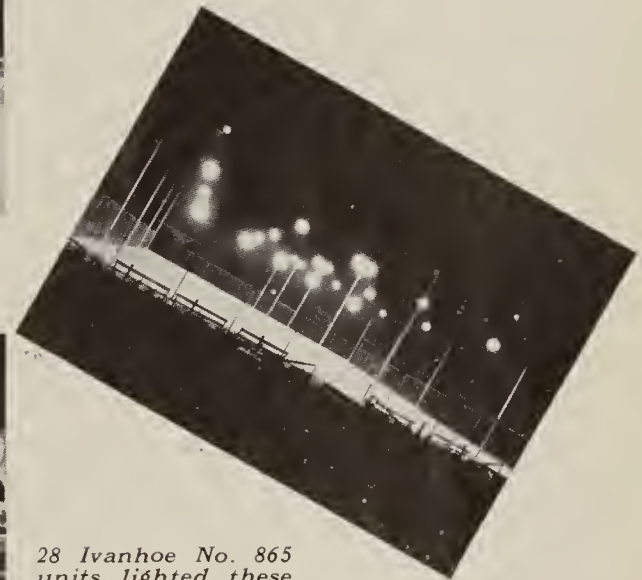
An outstanding super-service station lighted with Ivanhoe No. 865 units and shields—Perfect illumination—No shadows—No glare.



Ivanhoe lighted Harness Racing Track, one example of good lighting of recreational area.



Miniature golf course flood-lighted with Ivanhoe No. 1067 Swivel type units.



28 Ivanhoe No. 865 units lighted these tennis courts perfectly, for the fastest of play. Average of 22 foot candles over entire court.

Night lighting of outdoor sports and other recreational areas as well as those devoted to commercial activities is an accepted practice today. The lighting of race tracks, baseball fields, foot ball fields and similar areas have met with player and public acceptance to such an extent that the increase in attendance has been phenomenal. Lighting of such locations as automobile service stations, parking lots and similar commercial areas have definitely increased the revenue of the particular establishment materially.

Ivanhoe High Mounting and Floodlighting Units have been used extensively for the lighting

of these various areas, many installations of these units have proven their value in their performance. The lighting results have proven satisfactory from the standpoint of both player and spectators.

In many locations it is necessary to use on these reflectors shields to prevent the spilled light from reflecting into the eyes of spectators or people passing these installations or to redirect the light into the desired area. These shields are supplied to fit each of the various size reflectors.

Complete data on the lighting of any outdoor commercial or recreational area will be supplied on request.

For the Lighting of

Gymnasiums
Armories
Auto Wash Racks
Boxing Rings
Fight Arenas

Swimming Pools
Bathing Beaches
Foot Ball Fields
Soccer Ball Fields
Miniature Golf Courses
Golf Driving Courses

Indoor Base Ball Fields
Base Ball Fields
Dog Racing Tracks
Horse Racing Tracks
Roque Courts

Tennis Courts
Barbecue Stands
Parking Lots
Used Car Lots
Auto Service Stations
Horse Shoe Courts

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Meriden, Conn.

Ivanhoe High Mounting Units

For Mogul Base Lamps
(Concentrating Type)



R-type reflector with solid top containing porcelain socket. Illustration shows application of swivel assembly on R-type reflectors.

Plain and Swivel R Type High Mounting Reflectors with Sockets

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
1064 Plain	\$14.50	300-500	16 1/4	16 1/2	R	4	24
1064 Swivel	17.50	300-500	16 1/4	16 1/2	R	3	23
1065 Plain	18.00	750-1000-1500	18 3/8	19 3/4	R	4	35
1065 Swivel	21.00	750-1000-1500	18 3/8	19 3/4	R	3	34

Sockets are tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Mogul adapter for 1 1/2-inch pipe \$0.70 list additional. Swivel assemblies are tapped standard for 1/2-inch pipe.



Heavy Duty 3 1/4-in. Threaded Neck reflector for use with 3 1/4-in. threaded type separable holder.

Heavy Duty 3 1/4 - inch Threaded Neck Type High Mounting Reflectors Only

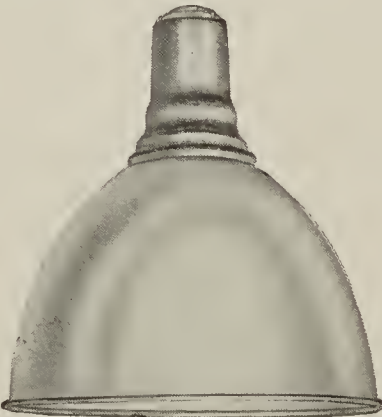
Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
1864	\$11.80	300-500	16 1/4	12	3 1/4 HD	4	25
1865	15.30	750-1000-1500	18	15 1/4	3 1/4 HD	4	30

Holders for Heavy Duty 3 1/4-inch Threaded Neck Type High Mounting Reflectors

For Detailed Description of Holders, see Pages 14 and 15.



Holder for Heavy duty reflector showing complete assembly. List price holder only, No. 18576 Mogul base, \$2.35.



Holder for Heavy duty reflector showing complete assembly. List price holder only No. 18577 Mogul base, \$2.70.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Meriden, Conn.

Ivanhoe High Mounting Units

For Mogul Base Lamps
(Concentrating Type)

Shields for High Mounting Reflectors

Ivanhoe Catalog Number	List Price Each	For Use With Reflector	Dimensions Diam.	Inches Depth	Std. Pkg. Qty.	Lbs. Ship. Wt.
1094	\$4.50	No. 1064; No. 1464; No. 1864	16 1/4	8	4	7
1095	5.00	No. 1065; No. 1465; No. 1865	18	10	4	10

When reflectors are to be equipped with Shields, specify on reflector order that reflectors are to be drilled for shields.

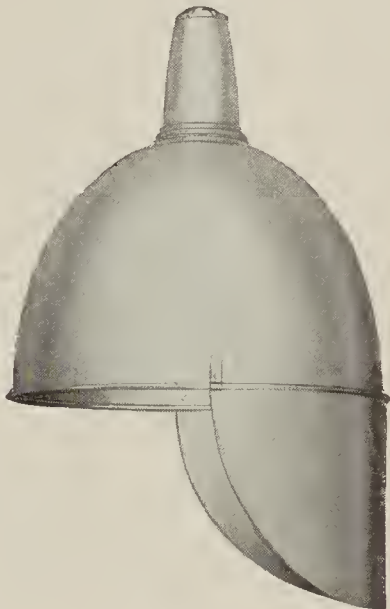


Illustration shows application of shield to typical High Mounting or Floodlighting Unit.

B Heel Type High Mounting Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Diam.	Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
1464	\$11.40	300-500	16 1/4	11 3/4	3 1/4 B	4	25
1465	14.90	750-1000-1500	18	15	3 1/4 B	4	30



Standard 3 1/4-in. B-Heel type reflector only for use with B type separable holders.

Holders for B-Heel Type High Mounting Reflectors

For Detailed Description of Holders, see Pages 12 and 13.



Holder for B-Heel reflector showing complete assembly. List price holder only, No. 622 Mogul base \$2.00.



Holder for B-Heel reflector showing complete assembly. List price holder only, No. 909 Mogul base \$3.10.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Meriden, Conn.

Ivanhoe Floodlighting Units

For Mogul Base Lamps

(Flood Distribution)



R Type reflector with solid top containing porcelain socket, illustration shows application of swivel assembly on R type reflectors.

Plain and Swivel R Type Floodlighting Reflectors with Sockets

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
865 Plain	\$18.00	750-1000-1500	18	19 ³ / ₄	R	4	35
865 Swivel	21.00	750-1000-1500	18	19 ³ / ₄	R	3	34
1066 Plain	12.00	300-500	14	14 ³ / ₄	R	4	40 ✓
1066 Swivel	15.00	300-500	14	14 ³ / ₄	R	3	38
1067 Plain	18.00	750-1000-1500	16 ¹ / ₄	17 ¹ / ₄	R	4	45
1067 Swivel	21.00	750-1000-1500	16 ¹ / ₄	17 ¹ / ₄	R	3	43

Sockets are tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Mogul adapter for 1 1/2-inch pipe \$0.70 list additional. Swivel assemblies are tapped standard for 1/2-inch pipe.



Heavy Duty 3 1/4-in. Threaded Neck Type reflector for use with 3 1/4-in. threaded type separable holders.

Heavy Duty 3 -Inch Threaded Neck Type Floodlighting Reflectors Only.

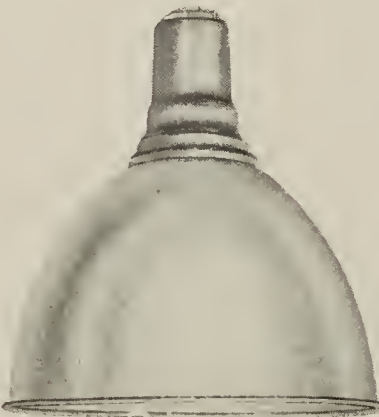
Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
1866	\$ 9.30	300-500	14	11	3 1/4 HD	4	20
1867	15.30	750-1000-1500	16 1/4	13	3 1/4 HD	4	25
1868	15.30	750-1000-1500	18	15	3 1/4 HD	4	35

Holders for Heavy Duty 3 1/4-inch Threaded Neck Type Floodlighting Reflectors

For Detailed Description of Holders, see Pages 14 and 15.



Holder for Heavy duty reflector showing complete assembly. List price holder only, No. 18576 Mogul base, \$2.35



Holder for Heavy duty reflector showing complete assembly. List price holder only, No. 18577 Mogul base, \$2.70.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Meriden, Conn.

Ivanhoe Floodlighting Units

For Mogul Base Lamps

(Flood Distribution)

Shields for Floodlighting Reflectors

Ivanhoe Catalog Number	List Price Each	For Use With Reflector	Dimensions Diam.	Inches Depth	Std. Pkg. Qty.	Lbs. Ship. Wt.
1094	\$4.50	No. 1067; No. 1467; No. 1867	16 $\frac{1}{4}$	8	4	7
1095	5.00	No. 865; No. 1468; No. 1868	18	10	4	10
1096	4.00	No. 1066; No. 1466; No. 1866	14	8	4	5

When reflectors are to be equipped with shields, specify on reflector order that reflectors are to be drilled for shields.



Floodlighting reflector equipped with shield to reflect light into area where it is desired or to serve as glare shield.

B-Heel Type Floodlighting Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Diam.	Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
1466	\$ 8.90	300-500	14	10 $\frac{3}{4}$	3 $\frac{1}{4}$ B	4	20
1467	14.90	750-1000-1500	16 $\frac{1}{4}$	12 $\frac{3}{4}$	3 $\frac{1}{4}$ B	4	25
1468	14.90	750-1000-1500	18	14 $\frac{3}{4}$	3 $\frac{1}{4}$ B	4	35



Standard 3 $\frac{1}{4}$ -in. B-Heel type reflector only for use with B-type separable holders.

Holders for B-Heel Type Floodlighting Reflectors

For Detailed Description of Holders, see Pages 12 and 13.



*Holder for B-Heel reflector showing complete assembly.
List price holder only, No. 622
Mogul base, \$2.00.*



*Holder for B-Heel reflector showing complete assembly.
List price holder only, No. 909
Mogul base, \$3.10.*

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Special Angle Reflectors

For Medium and Mogul Base Lamps

These reflectors are particularly suited to the lighting of all interiors where angle lighting is required or where overhead lighting would be impractical because of interference caused by overhead cranes, beams or other construction. They are desirable for lighting loading platforms, storage yards, bowling alleys, rug racks, individual lighting of machines, automobile wash racks and similar places where a low angle of cutoff is desired and a very broad lateral distribution is essential.

They can also be used for night lighting of small outdoor sport areas, exterior lighting for filling stations and are especially adapted to the lighting of poster boards and other outdoor signs.

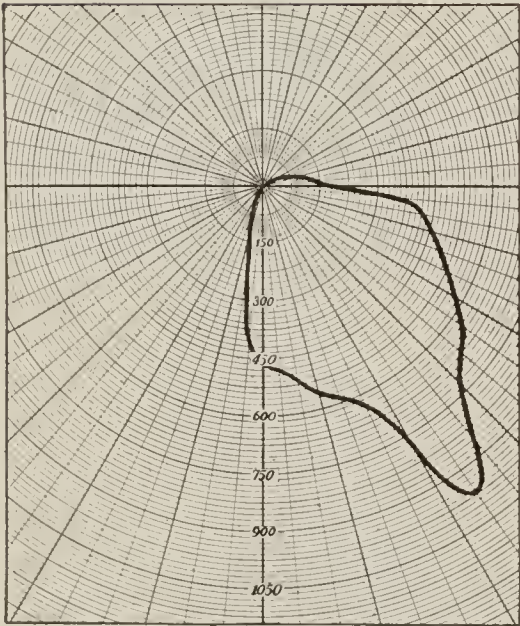
These reflectors are of sturdy construction and are easy to maintain.

The sockets are of superior construction, easy to wire and the castings and lock nuts are of dissimilar metals which will not allow freezing, due to corrosion caused by exposure to weather.

These reflectors are mounted in a pendant position, no pipe bending is necessary and proper distribution is obtained with an absolute minimum loss of light in plane parallel to display surface and a sharp cutoff is obtained at top of board.

They are:

- 1. Efficient.
- 2. Light in weight.
- 3. Of the correct size for a particular lamp.
- 4. Of proper design to give good uniform illumination.
- 5. Simple and substantial in construction.
- 6. Weatherproof. The socket and electrical connections are well protected. The bead or lower edge is turned in to prevent collection of water.
- 7. Easy to clean.



Distribution in vertical plane perpendicular to board



No. 991



No. 988

R Type Special Angle Reflectors with Sockets

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
				Depth				
988	\$3.35	75-100	9 ³ / ₄	12		R	10	34
991	3.40	150-200	9 ³ / ₄	13 ¹ / ₄		R	10	35
998	8.70	300-500	15 ³ / ₈	18 ¹ / ₂		R	3	25

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional, with No. 0667 Mogul adapter \$0.70 list additional.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Special Angle Reflectors

For Medium and Mogul Base Lamps

INSTALLATION DATA

As a result of exhaustive tests and careful calculations, the following table of specifications for various signs and boards is furnished, and results obtainable when these rules are used are eminently satisfactory.

Height of Board	Size of Lamp	Ivanhoe Catalog Number	Distance Out	Dist. Apart Max.	Above Top
5-8	100-watt	988	5'	8'	10 inches
9-12	*150-watt	991	5'	8'	1 foot
9-12	200-watt	991	5'	8'	1 foot
13-15	300-watt	998	7'	8'	1 foot
15-21	500-watt	998	10'	10'	18 inches

*Standard poster panels can be well illuminated by the use of three units, equipped with 150 or 200 watt lamps and proper reflector, the size of lamps depending upon the location and surroundings of the board.

As the majority of boards are from 9 to 12 ft. high and 100, 150 and 200 watt lamps are more commonly used, a standard bracket arm 5 ft. long may be adopted to keep stocks uniform as standard for these sizes.

Characteristic Distribution

This particular shape was designed to produce better illumination for poster boards; i. e., uniformly illuminated surfaces without dark spots; sharply controlled spill, both in front and above the board; and low shielding angle at the sides of the reflector. Because of elimination of glare from the lighting units, the painted sign becomes far more legible and easier to read. Complete engineering and photometric data will be supplied on request.



Typical poster board lighted with Ivanhoe Special Angle Reflectors.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

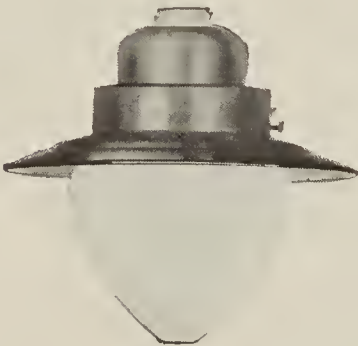
F. O. B. Sebring, Ohio

Weatherproof Enclosing Units

For Medium and Mogul Base Lamps

For use on all outdoor locations where a complete weatherproof enclosing globe type unit is desired. These units are furnished with porcelain-enameled reflectors, green outside and white inside, which gives an effective downward distribution of light. The enclosing globe is of Genco, an opal glass which gives excellent diffusion with low absorption.

The Nos. 804, 806 and 808 units are of the reflector type and Nos. 754, 756 and 786 are holder type. These units are supplied complete, or holders only can be supplied or globes only for replacement purposes.



Porcelain - Enameled Weatherproof unit complete with Genco glass enclosing globe—reflector type.

Ivanhoe Catalog Number	List Price Each	Description	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
				Diam.	Depth			
804	\$5.75	Fixture and Glass	100-150-200	12½	11¼	6	4	25
805	4.25	Fixture Only	100-150-200	12½	5¾	6	4	15
775	1.50	Glass Only	100-150-200	8	7¾	6	4	10
806	7.00	Fixture and Glass	300-500	16	13¼	6	4	35
807	5.50	Fixture Only	300-500	16	8¾	6	4	25
775	1.50	Glass Only	300-500	8	7¾	6	4	10
808	9.00	Fixture and Glass	750-1000	16	17½	8	4	65
809	5.65	Fixture Only	750-1000	16	8¼	8	4	30
774	3.35	Glass Only	750-1000	11⅞	11¾	8	4	35
754	4.00	Fixture and Glass	100-150-200	8	11½	6	4	25
755	2.50	Fixture Only	100-150-200	6½	4½	6	4	15
775	1.50	Glass Only	100-150-200	8	7¾	6	4	10
756	4.50	Fixture and Glass	300-500	8	12¾	6	4	26
757	3.00	Fixture Only	300-500	6½	6⅜	6	4	16
775	1.50	Glass Only	300-500	8	7¾	6	4	10
786	7.00	Fixture and Glass	750-1000	11⅞	17⅝	8	4	55
759	3.65	Fixture Only	750-1000	8½	6⅝	8	4	20
774	3.35	Glass Only	750-1000	11⅞	11¾	8	4	35



Porcelain - Enameled Weatherproof unit complete with Genco glass enclosing globe—holder type.

Note: These units are tapped standard for ½-inch pipe, on order for ¾-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1½-inch pipe \$0.50 list additional, or with No. 0667 Mogul adapter \$0.70 list additional.

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Trutint Units with Color-Correcting Glassware

For Medium and Mogul Base Lamps

Ivanhoe Trutint consists of a metal reflector or holder and a globe or plate of color-correcting glass, made to produce illumination the color of Noon Sunlight. The plates are carefully selected to reproduce Noon Sunlight and the globes to produce similar results. Obviously the plates are for local inspection purposes and the globes for general lighting where the artificial illumination must be the same as daylight. Printing, engraving, lithographing; the tobacco, food and textile industries are some for which these units are recommended.



Nos. 746, 748
Noon Sunlight



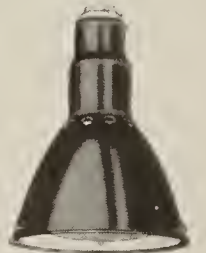
Nos. 840, 842
Noon Sunlight



No. 18570 TT
Noon Sunlight

Noon Sunlight Units

Ivanhoe Catalog Number	List Price Each	Description	Recom. Lamp Watts	Dimensions Inches Diam. Depth Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
746	\$5.20	Fixture and Glass	200	8 11 $\frac{7}{8}$ 6	4	25
5205-8x6 Trutint	2.70	Glass Only	200	8 8 6	4	10
748	5.70	Fixture and Glass	300-500	8 13 $\frac{5}{8}$ 6	4	26
5205-8x6 Trutint	2.70	Glass Only	300-500	8 8 6	4	10
840	6.95	Fixture and Glass	200	12 $\frac{1}{2}$ 11 $\frac{1}{2}$ 6	4	25
5205-8x6 Trutint	2.70	Glass Only	200	8 8 6	4	10
842	8.20	Fixture and Glass	300-500	16 13 $\frac{1}{2}$ 6	4	35
5205-8x6 Trutint	2.70	Glass Only	300-500	8 8 6	4	10



No. 905
Noon Sunlight



No. 734
Noon Sunlight

Noon Sunlight Units

Ivanhoe Catalog Number	List Price Each	Description	Recom. Lamp Watts	Dimensions Inches Diam. Depth Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
734 Noon Sunlight	\$10.50	Reflector and Plate	300-500	12 $\frac{3}{8}$ 13 $\frac{1}{4}$ R	4	35
5812x11 Noon Sunlight	4.80	Plate Only	...	11 $\frac{1}{8}$ 1 $\frac{1}{2}$..	4	10
796 Noon Sunlight	11.50	Reflector and Plate	300-500	12 $\frac{3}{8}$ 16 $\frac{1}{4}$ R	4	35
5812x11 Noon Sunlight	4.80	Plate Only	...	11 $\frac{1}{8}$ 1 $\frac{1}{2}$..	4	10
905 Noon Sunlight	9.25	Reflector and Plate	150-200	8 $\frac{1}{2}$ 10 $\frac{3}{4}$ R	4	20
5812x 7 Noon Sunlight	3.85	Plate Only	...	7 $\frac{1}{8}$ 1 $\frac{1}{4}$..	4	5



No. 796
Noon Sunlight



No. 18580 TT
Noon Sunlight

The units Nos. 734, 796 and 905 include an inner reflector and housing which are separated by an air chamber for cooling. The reflector is aluminum and the housing porcelain enameled of solid construction. They contain porcelain sockets and are tapped for $\frac{1}{2}$ " pipe. They should be located close to the work.

The Noon Sunlight globe type units should be installed for general lighting and should not be spaced more than $1\frac{1}{2}$ times the mounting-height above the work. All metal parts are made of drawn steel forms, porcelain enameled. Units 746 and 748 are green enameled outside. Units 840 and 842 are green outside and the reflector is white inside. Units 18570 TT and 18580 TT are white all over with green bead.

Use clear bulb Mazda C lamps and figure 30% more wattage. See pages 24 to 27 for complete information on Glassteel Diffuser Trutint units.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Heavy Duty Protective Cover

Ivanhoe Heavy Duty Protective Covers were designed for use in the many industrial locations where excessive dust, dirt or smoke is present and the efficiency of the lighting installation depends on frequent cleaning.

Thru the use of these protective covers the reflecting surface of the reflector and the lamp is protected against these atmospheric conditions by a heavy wire glass plate sealed with an asbestos gasket, held firmly in place by the two cast aluminum rings, thereby maintaining the efficiency of the reflecting surface and protecting the lamp and electrical connections.

Economical maintenance of the equipment is also effected as it is only necessary to wipe off the smooth surface of the glass cover plate rather than washing the lamp and reflector. This type of construction is particularly desirable where plate or lamp is subject to mechanical injury as the glass may shatter, but will not break and fall, being held in place by the wire mesh.

A partial listing of a few of the typical locations where these protective cover ring assemblies are particularly recommended is given below.

- Railroad Roundhouses

Railroad Shops

Coal Mines

Coal Grinding Rooms

Flour Mills

Cocoa Mills

Starch Mills
- Steel Mills

Ore Crushers

Foundries

Carbon Plants

Brick Plants

Machine Shops

Textile Industries

This cover ring assembly is of new construction, the rings are of heavy cast aluminum, the bolts and wing nuts are chromium plated, simple and easy to install or remove, the upper ring slips on over the reflector and is securely in place with one bolt. The lower ring is held tightly against the reflector by four wing nuts, a heavy asbestos gasket fitting between the wire glass plate and reflector makes a dust tight assembly.

The protective cover ring assemblies are supplied separately and can be used on R L M Dome High Mounting or Floodlighting reflectors of the published diameter of the ring.

Heavy Duty Protective Cover Ring Assembly Only.
(Rings, Wire Glass Plate and Gasket)

Ivanhoe Catalog Number	List Price Each	Description	Diameter Inches	Std. Pkg. Qty.	Lbs. Ship. Wt.
1112	\$11.25	Fits 12" Reflector	12 1/2	5	27
1114	13.00	Fits 14" Reflector	14 1/2	5	36
1116	14.75	Fits 16 1/4" Reflector	16 3/4	5	47
1118	16.50	Fits 18" Reflector	18 3/4	5	50

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Meriden, Conn.

Hinged Dust-Proof Cover

For protection of the interior reflecting surface of reflectors and to decrease maintenance costs on industrial equipment this new Ivanhoe Hinged Type Protective Cover was developed. It also serves to protect the large sizes of lamps from weather conditions when used out of doors. It performs the same service as the Heavy Duty type yet is light in weight, and of simple sturdy construction. This cover ring assembly consists of a rolled ring, plated finish, with a clear glass convex cover and suitable gasket. It is easily assembled on R L M Dome, High Mounting or Floodlighting reflectors of the published diameter of the reflectors by a simple positive spring latching mechanism, which also expands the ring releasing the cover providing easy access to lamp and at the same time holds the band securely on the reflector during the cleaning.

The glass cover assembly is hinged to the upper ring making relamping and cleaning easy.



Hinged Dust-Proof Cover assembled on Standard R L M Dome reflector cover closed, giving complete protection.



Illustration shows cover open to relamp or clean.

Hinged Dust-Proof Cover Assemblies Only
(Ring, Plate and Gasket)

Ivanhoe Catalog Number	List Price Each	Description	Diameter Inches	Std. Pkg. Qty.	Lbs. Ship. Wt.
1412	\$3.75	Fits 12" Reflectors	12 $\frac{1}{4}$	5	15
1414	4.25	Fits 14" Reflectors	14 $\frac{1}{4}$	5	20
1416	5.00	Fits 16 $\frac{1}{4}$ " Reflectors	16 $\frac{1}{2}$	5	30
1418	5.75	Fits 18" Reflectors	18 $\frac{1}{4}$	5	40

Glass Plates for Replacement

List Price Each	Description	Std. Pkg. Qty.	Lbs. Ship. Wt.
\$1.20	Plate for 12" Cover	5	12
1.30	Plate for 14" Cover	5	15
1.45	Plate for 16 $\frac{1}{4}$ " Cover	5	20
1.65	Plate for 18" Cover	5	30



Applied to High Mounting or Floodlighting reflectors the Hinged Dust-Proof Cover affords complete protection to lamp and reflecting surface.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Vapor-Proof Units

For Medium and Mogul Base Lamps



Typical installation of Ivanhoe Vapor-Proof Units in commercial automobile paint shop.

Ivanhoe Vapor-Proof Units were developed and are recommended for use in oil fields, refineries, flour mills, grain elevators and other industrial locations where protection from dust and fumes is required. The unit consists of a cast aluminum holder and enclosing globe which may be fitted with a porcelain reflector when required. A rubber gasket at the top of the socket, with the globe seated against an asbestos gasket, seals the lamp and electrical connections within the globe and holder.

The Vapor-Proof Unit is supplied with 14, 16 and 18 inch reflectors and for use with either medium or mogul base lamps.

Complete Units, Reflector, Holder and Globe

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth	Fitter		
970	\$7.00	150-200	14	11 ³ / ₈	R	5	50
972	7.55	200	16 ¹ / ₄	11 ³ / ₈	R	5	60
976	11.95	300-500	18	14 ¹ / ₄	R	5	90

Note: Complete unit No. 970 consists of holder and globe No. 971 with reflector No. 973; No. 972, of No. 971 and 974; and No. 976, of No. 975 and No. 978.
Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional, with No. 0667 Mogul adapter \$0.70 list additional.

Holder and Globe Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth	Fitter		
971	\$4.25	150-200	5 1/4	11 3/8	R	5	35
975	7.95	300-500	8 1/4	12 1/4	R	5	45

Bowl enameled globes can be secured if required. Prices on request.

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional, with No. 0667 Mogul adapter \$0.70 list additional.

Reflectors Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth	Fitter		
973	\$2.75	150-200	14	8 1/2	R	5	20
974	3.30	200	16 1/4	9 1/8	R	5	25
978	4.00	300-500	18	10 3/4	R	5	35

Globes Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth	Fitter		
354 Crystal	\$0.65	150-200	5 1/4	6 3/4	4 1/8	30	85
2106 Crystal	1.65	300-500	8 1/4	8 5/8	5 1/2	9	60

Globes No. 354 and No. 2106 for use with holders No. 971 and No. 975 respectively.



Illustration of complete Vapor-Proof Unit, reflector, holder and globe



Illustration of holder and globe of Vapor-Proof Unit

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Ivanhoe Vapor-Proof Units

For Medium Base Lamps

Ivanhoe Vapor-Proof Units were developed and recommended for use in spray booths, oil fields, refineries, flour mills, grain elevators and other industrial locations where electrical connections and lamps must be protected from acid fumes, inflammable dust or vapors.

To supplement Ivanhoe's standard line of Vapor-Proof Units, the units illustrated and described on this page were developed to accommodate 75 and 100 Watt lamps and to be lower in price than the standard heavy duty types.

These reflectors are stamped from deep drawing steel, porcelain, enameled, green outside and white inside, and will stand up under the severe conditions to which they are subjected.

The holder is of aluminum and securely locked into the reflector or supplied separately.

It is equipped with a porcelain socket tapped for 1/2-inch pipe and can be supplied tapped for 3/4-inch pipe if desired, or with No. 0667 adapter for 1 1/2-inch pipe. The vapor-proof globe screws into this holder and is seated against an asbestos gasket, sealing the lamp and connections within the globe and holder.

Globe and Holder Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth	Fitter		
1203	\$2.65	75-100	5	9 1/8	R	10	27

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional, with No. 0667 Mogul adapter \$0.70 list additional.



No. 1203

Complete Unit, Reflector, Holder and Globe
Angle Type

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth	Fitter		
1220	\$5.50	75-100	10	11	R	10	40

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional, with No. 0667 Mogul adapter \$0.70 list additional.



No 1220

Complete Unit, Reflector, Holder and Globe
Dome Type

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth	Fitter		
1210	\$5.50	75-100	12	8 3/8	R	10	40

Note: Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional, with No. 0667 Mogul adapter \$0.70 list additional.



No. 1210

Globe Only

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth	Fitter		
2269 Crystal	\$1.00	75-100	5	6 3/4	3 5/16	48	100

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Porcelain-Enameled Reflectors for Vapor-Proof Fittings
For Medium Base Lamps

These reflectors are recommended for use in places where the lamp base and socket must be protected from acid fumes or moisture and where Vapor-Proof Fittings are used.

The reflectors listed here fit various standard conduit fittings. They are attached to these fittings with the standard reflector holders available. Ample clearance is allowed in the extension for the globe and guard as listed for these fittings. They are porcelain enameled, green outside and white inside, and the complete unit in each case is vapor-proof.

For uniform illumination they should be spaced not to exceed one and two-thirds times the mounting-height.



Nos. 931-932-933

V type is the same as illustrated without screws

Ivanhoe Catalog Numbers	List Price Each	Type of Fittings	Recom. Lamp Watts	Dimensions Diam.	Inches Depth	Std. Pkg. Qty.	Lbs. Ship. Wt.
931	\$2.80	For Type V Fitting	60-75-100	12	5 3/8	10	25
932	3.10	For Type VH Fitting	150	14	6 1/2	10	30
933	3.45	For Type VH Fitting	200	16 1/4	7 3/4	5	25
VEDD 100	2.80	For Type V Fitting	60-75-100	12	5 3/8	10	25
VEDD 150	3.10	For Type VH Fitting	150	14	6 1/2	10	30
VEDD 200	3.45	For Type VH Fitting	200	16 1/4	7 3/4	5	25

The above reflectors are attached to the conduit bodies by means of reflector holders or holder guards supplied by the manufacturers of Vapor-Proof Fittings. These holders are enumerated below.

Reflector	Condulet Fitting	Reflector Holder	Holder Guards
931	{ V Type 5-M Type 60-75 Series	{ Crouse-Hinds V 61 Unilet 2892 VV Fittings 5001 R L M Adapti 9970	{ Crouse-Hinds V 71 or V 771 Unilet 1184 VV Fittings Guard No. 5003
932 933	{ VH Type VH Type 5-ML Type 100-200 Series	Crouse-Hinds VH 61 Unilet 2894 VV Fittings 5002 R L M Adapti 9970-100	Crouse-Hinds VH 71 and VH 771 Unilet 1189 VV Fittings Guard No. 5004
VEDD-100	V Series Form 75	Crouse-Hinds V 875	Crouse-Hinds V 559 and V 759
VEDD-150 VEDD-200	{ VH Series Form 200	Crouse-Hinds V 8200	Crouse-Hinds V 2009

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Porcelain Enamel Wide Type Reflectors For Outdoor Lighting

For Medium and Mogul Base Lamps

These reflectors are porcelain enameled, green outside and white inside. They are weatherproof, and the solid top extension provides for easy wiring. For yard lighting they are usually spaced from two and one half to five times their mounting height. They may be used indoors for general lighting of warehouses and stock rooms.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth	Inches Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
REC 60	\$3.30	50-60	14	4 $\frac{1}{4}$	R	10	30
REC 100	3.50	75-100	14	5	R	10	30
REC 150	3.80	150	16	5 $\frac{3}{4}$	R	10	35
REC 200	4.60	200	18	7 $\frac{1}{2}$	R	5	25
REC 500	5.10	300-500	18	8 $\frac{5}{8}$	R	5	35

Note: Tapped standard for $\frac{1}{2}$ -inch pipe, on order for $\frac{3}{4}$ -inch pipe at no additional charge, or with No. 0667 Medium adapter for $1\frac{1}{2}$ -inch pipe \$0.50 list additional, with No. 0667 Mogul adapter \$0.70 list additional.



R-Type reflector with solid top containing porcelain socket.

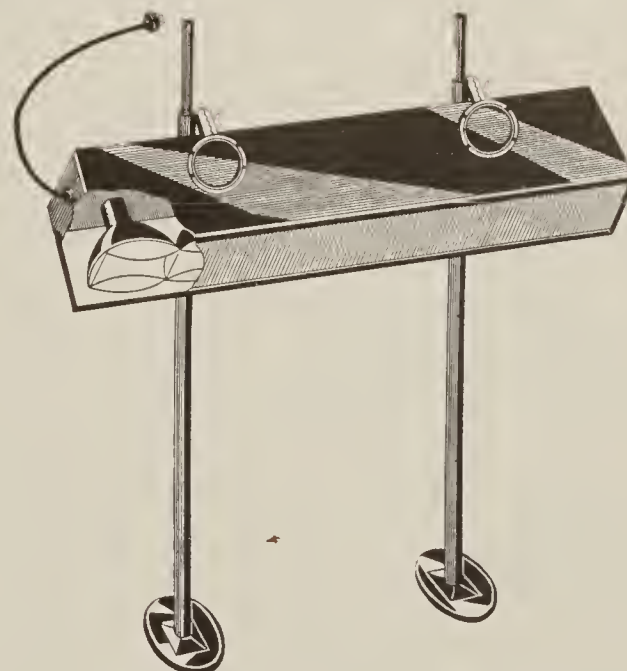
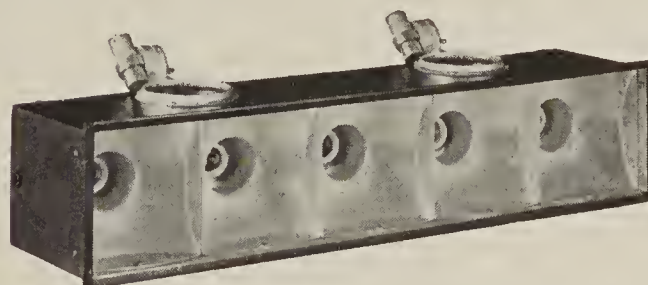
SCHEDULE R

F. O. B. Meriden, Conn.

Ivanhoe Inspection Unit

The illustration at right shows one method of installing the Ivanhoe Inspection Unit.

Below: Shows unit without glass Cover Plate.



Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
			Length	Width	Depth		
M1826	\$35.00 Without Cover Plate	75-100	30	7	6	4	38
M1826	37.00 With C. R. I. Cover Plate	75-100	30	7	6	4	38
M1826	40.00 With Opal Cover Plate	75-100	30	7	6	4	38

Prices on application for units in quantity.

For a quantity of light accurately placed—for inspection and manufacturing operations—Ivanhoe has designed this compact and efficient unit.

This unit contains five aluminum concentrating reflectors for 75 or 100 watt lamps. The unit can be used open or may be covered with a glass cover plate most suitable for the various operations which may be performed under its light source; clear glass, frosted glass or highly diffusing glass.

A light source of uniform brightness 6 inches wide and 30 inches long is provided by this unit. It is equipped with two adjustable brackets to position the unit at any angle and may be suspended or mounted as illustrated above.

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Special Service Reflectors

For Medium Base Lamps

Porcelain-Enameled Finish — Green Outside — White Inside



No. 634

The No. 634 reflector is used extensively for sewing machine lighting with 10-15 and 25-watt Mazda lamps. They are applicable for other kinds of service requiring a small reflector. They are provided with a clip ring holder for brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
634	\$0.80	15-25-40	3 1/4	4	D	15	7



DEL-25

The DEL-25 is a 30° angle type reflector for localized lighting where the light must be directed upon the work from the side. The Clip Ring holder will fit brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
DEL-25	\$1.10	25-40	5 1/2	4 3/4	D	10	8



DEB-25

THE DEB-25 is a small size bowl type reflector for localized lighting where light must be concentrated over a small area. The Clip Ring holder will fit brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
DEB-25	\$1.10	25-40	5 1/2	3 5/8	D	10	8



BED-25

The BED-25 is a small size distributing type reflector for localized lighting, for operations where the light must be spread over a wider area. Can be used with standard 2 1/4" or with weatherproof shade holder.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
BED-25	\$0.95	25-40	8	2 3/8	2 1/4 B	10	10



No. 882

The No. 882 reflector complies with the specifications of the United States Post Office Department for mail case, bag rack and other furniture in post office workrooms. They are porcelain enameled, green outside, white inside and are furnished with a simple holder which permits the reflector to swivel. They attach to brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
882	\$1.35	25-40-50-60	7 1/2	5 1/2	D	10	15

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Special Service Reflectors

For Medium and Mogul Base Lamps

Porcelain-Enameled Finish — Green Outside — White Inside

The No. 888 reflector complies with the specifications of the United States Post Office Department for mail case, bag rack and other furniture in post office workrooms. They are porcelain enameled, green outside, white inside and are furnished with a simple holder which permits the reflector to swivel. They attach to brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
888	\$1.40	25-40-50-60	8 1/8	6 1/4	D	10	20



No. 888

More durable and easier to clean than paint enameled reflectors. Ivanhoe has brought out a line of porcelain-enameled shallow dome reflectors to accommodate 25 to 200 watt lamps. These reflectors are regularly supplied green porcelain enameled outside and white porcelain enameled inside with the standard 2 1/4" B-heel.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
1001	\$0.95	25-40	10 1/4	3	2 1/4 B	10	12
1002	1.05	50-60	12 1/4	3 5/8	2 1/4 B	10	16
1003	1.20	75-100	14	4 1/8	2 1/4 B	10	20
1004	1.50	150-200	15 1/4	4 7/8	2 1/4 B	10	22



No. 1002

The R 1001 series reflectors were designed to supplement to B-Heel type 1001 series reflectors. These reflectors are regularly supplied green porcelain outside and white porcelain enameled inside. The R-type solid top provides a sturdy weatherproof fitting equipped with a heavy porcelain socket easy to wire and the brass casting and lock nut being of dissimilar metals will not corrode or freeze due to weather or other conditions.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
R1001	\$2.40	25-40	10 1/4	6 1/4	R	10	20
R1002	2.65	50-60	12 1/4	6 3/4	R	10	25
R1003	3.05	75-100	14	7 5/8	R	10	30
R1004	3.25	150-200	15 1/4	8 5/8	R	10	35



No. R 1002

Note: R-type reflectors will be supplied with pull chain sockets at \$0.70 list additional or lock sockets at \$0.50 list additional, Keys \$0.07 each net

Tapped standard for 1/2-inch pipe, on order for 3/4-inch pipe at no additional charge, or with No. 0667 Medium adapter for 1 1/2-inch pipe \$0.50 list additional, or with No. 0667 Mogul adapter \$0.70 list additional.

The No. 751 is a 45° angle type reflector. It is porcelain enameled, green outside and white inside. It is suitable for lighting tennis courts, motion picture studios and industrials where side lighting is required, and vertical illumination is essential on surfaces as high as the mounting-height of the reflector. Use any 3 1/4" separable holder with No. 751. Use any 3 1/4" threaded collar holder with No. 18751.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Dimensions Inches		Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
			Diam.	Depth			
751	\$4.50	300 to 1500	15 1/4	14 3/4	3 1/4 B	5	30
18751	4.70	300 to 1500	15 1/4	14 1/4	3 1/4 HD	5	30



No. 751 B-Heel: with 3 1/4-inch threaded neck No. 18751

IVANHOE LIGHTING EQUIPMENT

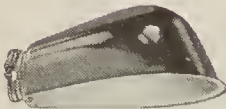
SCHEDULE R

F. O. B. Sebring, Ohio

Special Service Reflectors

For Medium Base Lamps

Paint Line — Duco Finish — Green Outside — White Inside



No. DP-25

This pear shaped, half shade is particularly suitable for use on brackets for localized lighting. Will fit brass shell sockets only.

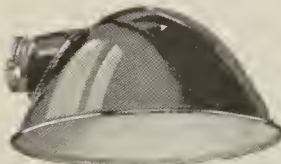
Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth	Inches Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
DP-25	\$0.50	25-40-50	5 3/4	2 3/8	D	10	8



No. DP-40

No. DP-40 is a small size symmetrical reflector for use with brackets when the lamp and reflector must be in a horizontal position. Designed for the 25 and 40-watt lamps. Also available in porcelain-enamel finish, Catalog No. DE-40. For use with brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth	Inches Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
DP-40	\$0.65	25-40	5 1/2	3 1/8	D	10	12
DE-40	.90	25-40	5 1/2	3 1/8	D	10	12

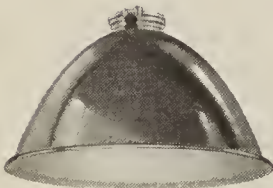


No. DP-55
SA-55

DP-55 is a horizontal symmetrical reflector for localized lighting with brackets. Fitted with Clip Ring holder for brass shell sockets. Also supplied as SA-55 Dull Brass and Dull Bronze; aluminum finish inside. The SA-55 has a threaded collar which fits the standard, threaded, brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth	Inches Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
DP-55	\$0.65	50-60	7	3 5/8	D	10	10
SA-55 Dull Brass	.75	50-60	7	3 5/8	*	12	15
SA-55 Dull Bronze	.80	50-60	7	3 5/8	*	12	15

*Threaded type holder for use on threaded type brass sockets.



No. DP-58

Pendant concentrating reflector for localized lighting, fitted with Clip Ring holder for brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth	Inches Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
DP-58	\$0.50	25-40	7	4	D	10	10



No. DP-78

The No. DP-78 is a pendant concentrating reflector for 50 and 60 watt lamps and recommended for localized lighting. It is fitted with a Clip Ring holder for use on brass shell sockets.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Diam.	Dimensions Depth	Inches Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
DP-78	\$0.65	50-60	8 1/4	4 5/8	D	10	10

INDUSTRIAL LIGHTING SECTION

SCHEDULE R

F. O. B. Sebring, Ohio

Special Service Equipment

Industrial Swivel Stem Pendant

In many locations in industrial plants due to belting, shafting, girders or unusually high ceilings it is often necessary to suspend the lighting equipment at various distances from the ceiling.

To meet these and similar conditions this swivel stem pendant consisting of canopy complete with hickey, swivel joint assembly, and with 3/8-inch iron pipe enclosed in 3/4-inch brass casing which terminates in a 1/2-inch male threaded hickey, to which R-type reflectors or pendant type holders can be attached. These units are supplied in the finishes listed below less wire. Specify finish desired.

Ivanhoe Catalog Number	List Price Each	Finish	Standard Length Overall Inches	Std. Pkg. Qty.	Lbs. Ship. Wt.
M807	\$2.25	Dull Bronze	24	12	30
M807	2.35	Polished Bronze	24	12	30
M807	2.15	Green or Black Duco	24	12	30
M807	2.35	White Enamel	24	12	30



No. M807

For additional lengths of stem only less wire	
Dull Bronze	\$0.45 list per foot
Polished Bronze	.50 list per foot
Green or Black Duco	.45 list per foot
White Enamel	.50 list per foot

Pipe Bracket

The No. 0660 is a 1/2-inch galvanized pipe bracket and is supplied complete, bracket only or pole plate only please specify when ordering.

Ivanhoe Catalog Number	List Price Each	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
		Length	Diam.	Fitter		
0660 Complete	\$1.10	30	1/2	1/2 Pipe	10	35
0660 Bracket only	.75	30	1/2	1/2 Pipe	10	25
0660 Pole plate only	.35	..	..	1/2 Pipe	10	10

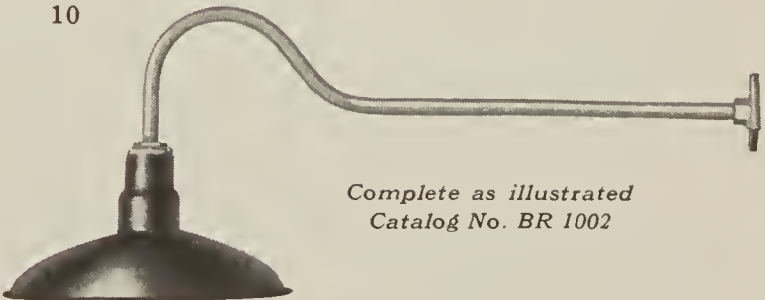


No. 0660 Pipe Bracket
and Pole Plate

Bracket Units

The BR 1001 series consists of complete bracket assemblies—bracket, pole plate and R type Shallow Dome reflector including medium base porcelain socket.

Ivanhoe Catalog Number	List Price Each	Recom. Lamp Watts	Discription	Socket	Dimensions Inches			Std. Pkg. Qty.	Lbs. Ship. Wt.
					Diam.	Depth	Length		
BR 1001	\$3.50	25-40	Bracket and Reflector	Medium	10 1/4	11 3/4	30	10	82
BR 1002	3.75	50-60	Bracket and Reflector	Medium	12 1/4	12	30	10	86
BR 1003	4.15	75-100	Bracket and Reflector	Medium	14	13	30	10	90
BR 1004	4.35	150-200	Bracket and Reflector	Medium	15 1/4	14	30	10	95



Complete as illustrated
Catalog No. BR 1002

IVANHOE LIGHTING EQUIPMENT

SCHEDULE R

F. O. B. Sebring, Ohio

Special Service Equipment



No. 901

Porcelain Insulating Bushing

The Ivanhoe Porcelain Insulating Bushing is suitable for all Ivanhoe Separable Holders and R-Type Reflectors which are tapped for 1/2-inch pipe. It is made of high quality porcelain well finished; clean-cut threads; inside top edge beveled.

The Bushing insulates the holder and prevents fraying and wearing of insulation on the wire.

Ivanhoe Catalog Number	List Price Each	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
901	\$0.08	3/4	1	1/2 Thread	100	15



No. 0656

Cord Strain Connector

Cord Strain Connector—1/2-inch pipe size—for use with R-Type Reflectors and separable holders. The nozzle is bored smooth and will not fray or tear the insulation.

Ivanhoe Catalog Number	List Price Each	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
0656	\$0.20	1 1/4		1/2 Thread	50	15



No. 0658

Suspension Fitting

A cast iron suspension fitting of heavy, durable construction equipped with porcelain insulating bushings to prevent the wire from becoming frayed in service. Threaded for 1/2-inch fittings. Standard finish black enamel.

Ivanhoe Catalog Number	List Price Each	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
0658	\$0.95	1 x 3	3 3/8	1/2 Thread	20	15

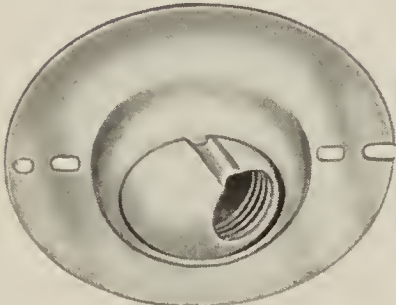


No. 0667

Pipe Adapter

Cast aluminum adapter 1 1/2-inch pipe size—may be supplied separately or as part of any R-Type Reflector or Mazda C Enclosing Unit, medium or mogul base type, when specified.

Ivanhoe Catalog Number	List Price Each	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
0667 Medium	\$0.50	2 5/8	1 1/4	1 1/2 Tap	20	15
0667 Mogul	.70	2 3/4	1 1/4	1 1/2 Tap	20	15

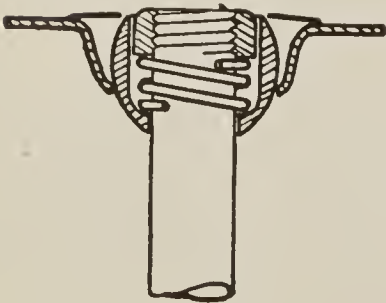


No. 941

Outlet Box Cover Aligner

A heavy well-constructed aligner, simple in construction consisting of a cast iron ball, suspended between two plates. The ball moves freely and will allow the fixture to hang plumb when boxes are at an angle up to 45°. The use of this device also improves the efficiency of the installation and protects the reflector or fittings from jars or bumps from poles, ladders or similar objects. Designed for use on standard 3 1/4 or 4-inch boxes. The ball is tapped for 1/2-inch pipe and with two slots to permit it to be held with a wrench while conduit or pipe is being screwed in place. Standard finish: Galvanized.

Ivanhoe Catalog Number	List Price Each	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
941	\$0.30	4	1 1/4	1/2 Tap	10	7



No. 1041

Shock Absorbing Outlet Box Cover Aligner

The No. 1041 aligner is identical with the No. 941 described above with the exception that it is of the shock absorbing type, a heavy spring in this device floats the reflector or fitting protecting the equipment from shocks or jars.

Ivanhoe Catalog Number	List Price Each	Diam.	Dimensions Inches Depth	Fitter	Std. Pkg. Qty.	Lbs. Ship. Wt.
1041	\$0.51	4	1 1/2	1/2 Tap	10	7

I N D U S T R I A L L I G H T I N G S E C T I O N

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IVANHOE LIGHTING EQUIPMENT

Numerical Index and Price List

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BEB 25	\$0.95	18	R	10	8	DEB 200	\$2.35	18	R	10	25
BEB 60	1.50	18	R	10	10	DED 40	1.40	22	R	10	15
BEB 100	1.60	18	R	10	12	DED 60	1.60	22	R	10	20
BEB 150	1.80	18	R	10	20	DED 100	1.85	22	R	10	25
BEB 200	2.20	18	R	10	25	DED 150	2.65	22	R	10	30
BEB 500	3.60	18	R	10	30	DEDD 60	1.95	16	R	10	22
BEB 1000	4.40	18	R	5	30	DEDD 100	2.05	16	R	10	22
BED 25	0.95	22-46	R	10	10	DEDD 150	2.35	16	R	10	32
BED 40	1.25	22	R	10	15	DEDD 200	2.75	16	R	10	40
BED 60	1.45	22	R	10	20	DEL 25	1.10	20-46	R	10	8
BED 100	1.70	22	R	10	25	DEL 60	1.30	20	R	10	10
BED 150	2.50	22	R	10	30	DEL 100	1.60	20	R	10	12
BED 500	3.60	22	R	5	30	DEL 150	2.10	20	R	10	20
BEDD 60	1.80	16	R	10	22	DP 25	0.50	48	R	10	8
BEDD 100	1.90	16	R	10	22	DP 40	0.65	48	R	10	12
BEDD 150	2.20	16	R	10	32	DP 55	0.65	48	R	10	10
BEDD 200	2.60	16	R	10	40	DP 58	0.50	48	R	10	10
BEDD 500	3.60	16	R	5	30	DP 78	0.65	48	R	10	10
BEDD 1000	5.30	16	R	5	35	M 807 Dull Bronze		49	R	12	30
BEDD 100 G. T.	2.90	29	R	10	25	M 807 Pol. Bronze		49	R	12	30
BEDD 150 G. T.	3.15	29	R	10	35	M 807 Green Duco		49	R	12	30
BEDD 200 G. T.	3.60	29	R	10	40	M 807 White Duco		49	R	12	30
BEL 25	0.95	20	R	10	8	M 994 Keyless	2.40	14	R	10	20
BEL 60	1.15	20	R	10	10	M 994 Pull Chain	3.20	14	R	10	20
BEL 100	1.45	20	R	10	12	MO 994	2.80	15	R	10	25
BEL 150	1.95	20	R	10	20	M1826withoutCoverPlate	35.00	45	R	4	38
BEL 500	3.50	20	R	5	15	M1826 with C.R.I.Plate	37.00	45	R	4	38
BEL 1000	5.50	20	R	5	25	M1826 with Opal Plate	40.00	45	R	4	38
BR 1001	3.50	49	R	10	82	R 1001	2.40	47	R	10	20
BR 1002	3.75	49	R	10	86	R 1002	2.65	47	R	10	25
BR 1003	4.15	49	R	10	90	R 1003	3.05	47	R	10	30
BR 1004	4.35	49	R	10	95	R 1004	3.25	47	R	10	35
CEB 25	1.15	18	R	10	8	REB 60	2.85	19	R	10	18
CEB 60	1.70	18	R	10	10	REB 100	3.10	19	R	10	22
CEB 100	1.80	18	R	10	12	REB 150	3.30	19	R	10	24
CEB 150	2.00	18	R	10	20	REB 500	4.70	19	R	5	30
CEB 200	2.40	18	R	10	25	REB 1000	6.40	19	R	5	25
CED 40	1.45	22	R	10	15	REC 60	3.30	45	R	10	30
CED 60	1.65	22	R	10	20	REC 100	3.50	45	R	10	30
CED 100	1.90	22	R	10	25	REC 150	3.80	45	R	10	35
CED 150	2.70	22	R	10	30	REC 200	4.60	45	R	5	25
CEDD 60	2.00	16	R	10	22	REC 500	5.10	45	R	5	35
CEDD 100	2.10	16	R	10	22	RED 60	3.30	23	R	10	30
CEDD 150	2.40	16	R	10	32	RED 100	3.50	23	R	10	30
CEDD 200	2.80	16	R	10	40	RED 150	3.80	23	R	10	40
CEL 25	1.15	20	R	10	8	RED 500	5.50	23	R	3	25
CEL 60	1.35	20	R	10	10	REDD 60	3.20	17	R	10	30
CEL 100	1.65	20	R	10	12	REDD 100	3.30	17	R	10	30
CEL 150	2.15	20	R	10	20	REDD 150	3.50	17	R	10	40
DE 40	0.90	48	R	10	12	REDD 200	4.30	17	R	10	50
DEB 25	1.10	18-46	R	10	8	REDD 500	5.30	17	R	5	35
DEB 60	1.65	18	R	10	10	REDD 1000	7.20	17	R	2	25
DEB 100	1.75	18	R	10	12	REL 100	2.95	21	R	10	20
DEB 150	1.95	18	R	10	20	REL 150	3.45	21	R	10	30

INDUSTRIAL LIGHTING SECTION

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Ivanhoe Catalog Number	List Price Each	Page	Sched- ule	Std. Pkg. Qty.	Lbs. Ship. Wt.	Ivanhoe Catalog Number	List Price Each	Page	Sched- ule	Std. Pkg. Qty.	Lbs. Ship. Wt.
REL 500	\$ 4.95	21	R	5	30	865 Plain	\$18.00	34	R	4	35
REL 1000	7.60	21	R	5	25	865 Swivel	21.00	34	R	3	34
SA 55 Dull Brass	0.75	48	R	12	15	882	1.35	46	R	10	15
SA 55 Dull Bronze	0.80	48	R	12	15	884	1.60	12	R	10	10
SEB 60	1.65	19	R	10	10	888	1.40	47	R	10	20
SEB 100	1.75	19	R	10	12	901	0.08	50	R	100	15
SEB 150	1.95	19	R	10	20	905	9.25	39	R	4	20
SEB 200	2.35	19	R	10	25	908	1.95	12	R	10	15
SED 40	1.40	23	R	10	15	909	3.10	13	R	10	30
SED 60	1.60	23	R	10	20	931	2.80	44	R	10	25
SED 100	1.85	23	R	10	25	932	3.10	44	R	10	30
SED 150	2.65	23	R	10	30	933	3.45	44	R	5	25
SEDD 60	1.95	17	R	10	22	941	0.30	50	R	10	7
SEDD 100	2.05	17	R	10	22	958	9.00	26	R	4	48
SEDD 150	2.35	17	R	10	32	958 Silvo	9.20	26	R	4	48
SEDD 200	2.75	17	R	10	40	958 T.T.	9.50	26	R	4	48
SEL 60	1.30	21	R	10	15	959	12.50	26	R	4	65
SEL 100	1.60	21	R	10	20	959 Silvo	12.90	26	R	4	65
SEL 150	2.10	21	R	10	25	959 T. T.	13.25	26	R	4	65
VEDD 100	2.80	44	R	10	25	962	9.00	26	R	4	45
VEDD 150	3.10	44	R	10	30	962 Silvo	9.20	26	R	4	45
VEDD 200	3.45	44	R	5	25	962 T. T.	9.50	26	R	4	45
354 Crystal	0.65	42	R	30	85	963	12.50	26	R	4	62
622	2.00	13	R	10	25	963 Silvo	12.90	26	R	4	62
634	0.80	46	R	15	7	963 T. T.	13.25	26	R	4	62
0656	0.20	50	R	50	15	964	1.25	12	R	10	20
0658	0.95	50	R	20	15	968	1.85	13	R	10	25
0660 Complete	1.10	49	R	10	35	970	7.00	42	R	5	50
0660 Bracket	0.75	49	R	10	25	971	4.25	42	R	5	35
0660 Pole Plate	0.35	49	R	10	10	972	7.55	42	R	5	60
0667 Medium	0.50	50	R	20	15	973	2.75	42	R	5	20
0667 Mogul	0.70	50	R	20	15	974	3.30	42	R	5	25
734	10.50	39	R	4	35	975	7.95	42	R	5	45
746	5.20	39	R	4	25	976	11.95	42	R	5	90
748	5.70	39	R	4	26	978	4.00	42	R	5	35
751	4.50	47	R	5	30	984 Keyless	0.95	14	R	10	20
754	4.00	38	R	4	25	984 Pull Chain	1.75	14	R	10	20
755	2.50	38	R	4	15	987	1.60	15	R	10	25
756	4.50	38	R	4	26	988	3.35	36	R	10	34
757	3.00	38	R	4	16	991	3.40	36	R	10	35
759	3.65	38	R	4	20	998	8.70	36	R	3	25
774	3.35	38	R	4	35	1001	0.95	47	R	10	12
775	1.50	38	R	4	10	1002	1.05	47	R	10	16
786	7.00	38	R	4	55	1003	1.20	47	R	10	20
796	11.50	39	R	4	35	1004	1.50	47	R	10	22
804	5.75	38	R	4	25	1041	0.51	50	R	10	7
805	4.25	38	R	4	15	1064 Plain	14.50	32	R	4	24
806	7.00	38	R	4	35	1064 Swivel	17.50	32	R	3	23
807	5.50	38	R	4	25	1065 Plain	18.00	32	R	4	35
808	9.00	38	R	4	65	1065 Swivel	21.00	32	R	3	34
809	5.65	38	R	4	30	1066 Plain	12.00	34	R	4	40
822	1.20	12	R	10	10	1066 Swivel	15.00	34	R	3	38
840	6.95	39	R	4	25	1067 Plain	18.00	34	R	4	45
842	8.20	39	R	4	35	1067 Swivel	21.00	34	R	3	43

IVANHOE LIGHTING EQUIPMENT

Numerical Index and Price List—Continued

Ivanhoe Catalog No. 900

Ivanhoe Catalog Number	List Price Each	Page	Sched- ule	Std. Pkg. Qty.	Lbs. Ship. Wt.	Ivanhoe Catalog Number	List Price Each	Page	Sched- ule	Std. Pkg. Qty.	Lbs. Ship. Wt.
1094	\$ 4.50	33-35	R	4	7	18545	\$ 6.25	21	R	5	25
1095	5.00	33-35	R	4	10	18552	2.10	17	R	10	22
1096	4.00	35	R	4	5	18554	2.40	17	R	10	30
1112	11.25	40	R	5	27	18556	2.80	17	R	10	40
1114	13.00	40	R	5	36	18558	3.80	17	R	5	30
1116	14.75	40	R	5	47	18559	5.80	17	R	5	35
1118	16.50	40	R	5	50	18560	1.80	19	R	10	15
1203	2.65	43	R	10	27	18561	2.00	19	R	10	15
1210	5.50	43	R	10	40	18562	2.40	19	R	10	25
1220	5.50	43	R	10	40	18563	3.80	19	R	10	30
1262	9.00	28	R	4	50	18564	1.80	23	R	10	20
1262 Silvo	9.20	28	R	4	60	18565	4.75	19	R	5	30
1263	12.50	28	R	4	60	18566 Keyless Porc. En.	1.95	14	R	10	10
1263 Silvo	12.90	28	R	4	60	18566 Pull Chain Porc. En.	2.65	14	R	10	10
1412	3.75	41	R	5	15	18566 Keyless Green Duco	1.10	14	R	10	10
1414	4.25	41	R	5	20	18566 Pull Chain Green					
1416	5.00	41	R	5	30	Duco	1.80	14	R	10	10
1418	5.75	41	R	5	40	18567	2.30	14	R	10	10
1464	11.40	33	R	4	25	18569	2.15	23	R	10	25
1465	14.90	33	R	4	30	18570	9.00	27	R	4	45
1466	8.90	35	R	4	20	18570 Silvo	9.20	27	R	4	45
1467	14.90	35	R	4	25	18570 T. T.	9.50	27	R	4	45
1468	14.90	35	R	4	35	18573	9.00	27	R	4	50
1864	11.80	32	R	4	25	18573 Silvo	9.20	27	R	4	50
1865	15.30	32	R	4	30	18573 T. T.	9.50	27	R	4	50
1866	9.30	34	R	4	20	18575	2.75	23	R	10	30
1867	15.30	34	R	4	25	18576 Porc. Enamel	2.35	15	R	10	25
1868	15.30	34	R	4	35	18576 Green Duco	1.60	15	R	10	25
2106 Crystal	1.65	42	R	9	60	18577	2.70	15	R	10	30
2269 Crystal	1.00	43	R	48	100	18578	3.70	23	R	5	30
2444x10 Genco	2.30	28	R	..	..	18580	12.50	27	R	4	62
2444x10 Silvo	2.50	28	R	..	..	18580 Silvo	12.90	27	R	4	62
2444x12 Genco	3.60	28	R	..	..	18580 T. T.	13.25	27	R	4	62
2444x12 Silvo	4.00	28	R	..	..	18583	12.50	27	R	4	65
5205-8x6 Trutint	2.70	39	R	4	10	18583 Silvo	12.90	27	R	4	65
5784x16 Genco	7.25	27	R	..	..	18583 T. T.	13.25	27	R	4	65
5784x16 T. T.	9.00	27	R	..	..	18585	18.50	27	R	2	35
5794-14x6 Celestialite	9.05	26	R	..	..	18585 T. T.	20.25	27	R	2	35
5794-15x6 Genco	4.75	26	R	..	..	18588	18.50	27	R	2	30
5812x7 Trutint	3.85	39	R	4	5	18588 T. T.	20.25	27	R	2	30
5812x11 Trutint	4.80	39	R	4	10	18751	4.70	47	R	5	30
5854-10x6 Genco	2.30	26-27	R	..	..	19570	9.00	28	R	4	50
5854-10x6 Trutint	2.80	26-27	R	..	..	19570 Silvo	9.20	28	R	4	50
5854-10x6 Silvo	2.50	26-27	R	..	..	19573	9.00	28	R	4	50
5854-12x6 Genco	3.60	26-27	R	..	..	19573 Silvo	9.20	28	R	4	50
5854-12x6 Trutint	4.35	26-27	R	..	..	19580	12.50	28	R	4	60
5854-12x6 Silvo	4.00	26-27	R	..	..	19580 Silvo	12.90	28	R	4	60
6062 Druid	0.85	29	R	40	50	19583	12.50	28	R	4	60
18540	1.80	21	R	10	15	19583 Silvo	12.90	28	R	4	60
18541	2.75	21	R	10	20	Shock Proof Socket Medium	0.10 additional.				
18542	4.55	21	R	5	20	Shock Proof Socket Mogul	0.10 additional.				

